THE PANAMA CANAL RECORD

VOLUME 31

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THE PANAMA CANAL RECORD

PUBLISHED MONTHLY UNDER
THE AUTHORITY AND SUPER-
VISION OF THE PANAMA CANAL

AUGUST 15, 1937 TO JULY 15, 1938

VOLUME XXXI
WITH INDEX

THE PANAMA CANAL
BALBOA HEIGHTS, CANAL ZONE
1938

THE PANAMA CANAL PRESS
MOUNT HOPE, CANAL ZONE
1938

For additional copies of this publication address The Panama Canal, Washington, D.C., or Balboa Heights, Canal Zone. Price of bound volumes, $1.00; for foreign postal delivery, $1.50. Price of current subscription, $0.50 a year, foreign, $1.00.

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OFFICIAL PUBLICATION OF THE PANAMA CANAL

PUBLISHED MONTHLY

Subscription rates, domestic, $0.50 per year; foreign, $1.00; address
The Panama Canal Record, Balboa Heights, Canal Zone,
or, for United States and foreign distribution,
The Panama Canal, Washington, D. C.
Entered as second-class matter February 6, 1918, at the Post Office
at Cristobal, C. Z., under the Act of March 3, 1879.

Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Volume XXXI Balboa Heights, C. Z., August 15, 1937 No. 1

Traffic Through the Panama Canal in July 1937

The total vessels of all kinds transiting the Panama Canal during the month of July 1937, and for the same month in the two preceding years, are shown in the following tabulation:

	July 1935	July 1936	July 1937		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	377	456	257	200	457
Local commercial vessels [1]	52	38	30	32	62
Noncommercial vessels:					
United States Government	26	26	22	22	44
Colombian Government	2	2	1	.....	1
For repairs	2	.....	.....	1	1
State of New York	.....	1	.....	.....	.....
Total	459	523	310	255	565

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month for the 12 months ended July 31, 1937, as compared with the same period in the previous year:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7
August	395	473	2,102,387	2,398,306	2,019,298	2,396,331	$1,757,259.77	$2,051,540.28
September	391	466	2,095,599	2,428,317	1,994,487	2,526,366	1,780,805.80	2,045,440.82
October	441	482	2,357,640	2,499,678	2,228,536	2,463,069	1,964,076.81	2,081,758.23
November	418	368	2,165,559	1,768,738	2,050,422	1,747,368	1,796,820.57	1,488,054.25
December	459	341	2,382,602	1,655,501	2,187,731	1,538,503	1,997,206.74	1,366,388.58
January	472	399	2,411,073	1,915,787	2,148,935	1,855,937	2,018,543.52	1,598,323.51
February	452	377	2,322,013	1,940,611	2,155,031	1,839,788	1,952,682.73	1,602,306.30
March	526	536	2,714,768	2,770,451	2,634,150	3,016,418	2,293,874.51	2,355,149.04
April	482	473	2,483,561	2,460,549	2,430,134	2,652,880	2,079,730.70	2,067,026.68
May	488	544	2,504,215	2,839,127	2,419,652	2,950,925	2,081,103.73	2,376,706.36
June	481	472	2,449,127	2,450,018	2,459,752	2,670,466	2,073,359.39	2,070,337.89
July	456	457	2,364,539	2,395,306	2,450,324	2,476,366	1,999,105.18	2,029,642.45
Total	5,461	5,388	28,353,083	27,522,389	27,178,452	28,134,417	23,794,569.45	23,132,674.39

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels [3] for July 1937

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	[4] 89	530,371	497,268	Japanese	25	152,660	181,094
Chilean	2	8,126	10,096	Netherlands	24	89,077	96,365
Chinese	2	7,893	13,113	Norwegian	50	242,804	287,186
Danish	18	91,194	87,823	Panamanian	15	34,354	43,643
Estonian	1	2,337	.....	Spanish	2	9,085	15,280
French	9	47,225	42,278	Swedish	10	44,784	55,856
German	30	111,645	139,793	United States	163	942,997	955,543
Greek	10	46,884	31,481	Yugoslav	1	3,987	7,150
Honduran	2	3,140	632				
Italian	4	26,743	11,765	Total	457	2,395,306	2,476,366

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.
[4] Includes two naval vessels of 19,700 tons displacement.

Traffic by Trade Routes, July 1937

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route.

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	58	349,427	209,307	59	343,286	438,844
East coast United States and:						
Canada	3	14,462	.....	4	17,048	24,840
Central America	1	1,570	.....	1	1,570	632
South America	20	85,562	28,228	15	69,793	181,366
Hawaiian Islands	3	15,016	11,983	4	20,128	28,368
Australasia	9	52,927	60,668	1	4,673	8,000
Philippine Islands	8	48,751	47,477	18	108,266	133,261
Far East	44	231,156	354,838	5	31,933	32,549
Canadian intercoastal	2	9,611	10,930	.....	.....	.....
East coast Canada and:						
United States	2	10,576	8,192	.....	.....	.....
South America	2	6,645	2,250	2	12,172	24,201
Australasia	4	24,019	25,227	2	9,707	9,762
Philippine Islands	1	6,617	5,720	.....	.....	.....
Far East	2	14,089	16,101	.....	.....	.....
East coast Central America and Australasia	1	4,631	7,355	.....	.....	.....
South American intercoastal	2	5,468	5,021	.....	.....	.....
East coast South America and:						
United States	.....	.....	.....	1	4,962	6,110
Canada	1	4,128	6,588	.....	.....	.....
Far East	3	19,085	17,332	.....	.....	.....
Cristobal and:						
Central America	4	3,727	2,972	6	6,017	4,916
South America	13	7,707	3,060	15	9,184	11,610
West Indies and:						
United States	4	24,436	.....	5	30,227	59,379
South America	2	6,003	10,396	.....	.....	.....
Balboa	1	5,160	10,340	1	5,946	.....
Europe and:						
United States	11	60,399	7,974	7	47,878	74,217
Canada	23	140,901	70,652	19	102,965	138,916
Central America	2	10,810	7,944	2	6,245	5,484
South America	18	114,267	44,046	24	139,948	206,639
Hawaiian Islands	1	5,672	6,963	.....	.....	.....
Australasia	6	58,530	38,128	4	31,886	23,367
Africa and:						
United States	1	2,912	4,334	1	2,774	4,000
Canada	.....	.....	.....	1	5,409	7,753
Egypt and South America	.....	.....	.....	1	4,866	10,400
Around the world	3	27,969	12,290	1	4,861	5,436
Foreign vessels in ballast (United States intercoastal)	.....	.....	.....	1	1,329	.....
Vessels not engaged in commerce	[5] 2	.....	.....	.....	.....	.....
Total	257	1,372,233	1,036,316	200	1,023,073	1,440,050

[5] Two naval, 19,700 tons displacement.

Origin and Destination of Cargo by Major Areas, July 1937

The following table summarizes the origin of cargo passing through the Canal in July 1937, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	218,973	14,815	417,591	27,585	48,466	727,430
Other North America	18,745	26,528	13,751	20,384	34,552	113,960
Europe	64,108	26,519	.....	39,589	37,421	167,637
Miscellaneous	12,757	80	8,943	4,826	683	27,289
Total	314,583	67,942	440,285	92,384	121,122	1,036,316

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	433,275	71,571	115,256	7,825	627,927
Canada	24,840	1,922	95,179	8,819	130,760
Other North America	29,567	5,013	5,484	.....	40,064
South America	178,296	40,283	205,209	10,428	434,216
Australasia	15,161	5,014	20,954	.....	41,129
Asia	162,026	3,928	.....	.....	165,954
Total	843,165	127,731	442,082	27,072	1,440,050

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during July 1937 or July 1936 are listed below:

Commodity	July		Commodity	July	
	1936	1937		1936	1937
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*	*Long tons*	*Long tons*
Asphalt and tar	9,950	22,548	Asphalt and tar	11,335	9,942
Automobiles and parts	23,296	31,733	Beans, edible, dry	7,845	13,466
Canned goods, various	12,142	9,983	Borax	7,881	15,484
Cement	9,583	19,264	Canned goods, various	53,568	51,006
Coal and coke	11,810	12,498	Coffee	11,039	14,651
Iron and steel	150,042	202,737	Cold storage (food products)[6]	22,103	15,381
Machinery	13,219	19,425	Copra	15,273	9,938
Manufactured goods	4,042	11,512	Cotton, raw	12,924	12,801
Metals, various	12,636	126,289	Flour	19,687	16,023
Oils, mineral	59,104	52,412	Fruit, dried	9,474	10,759
Ores	29,670	23,045	Lumber	263,316	324,907
Paper and paper products	36,054	44,385	Metals, various	54,440	54,058
Phosphates	33,452	51,112	Molasses and syrups	27,426	9,045
Scrap metals	116,947	116,766	Nitrates	92,584	56,794
Soda and sodium compounds	1,473	10,022	Oats	12,718	4,700
Sulphur	26,014	29,274	Oils, mineral	435,966	306,973
Textiles	16,278	8,423	Oils, vegetable	19,543	16,948
Tinplate	20,187	23,268	Ores (principally iron)	175,456	204,967
Wood pulp	7,727	12,867	Paper and paper products	8,938	14,293
			Sugar	153,037	114,751
			Wheat	97,154	21,107
			Wood pulp	12,150	22,402

[6] Does not include fresh fruit.

Commodities in Detail

The following statement lists all commodites passing through the Canal during the month of July 1937, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics accordingly are not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	17	.....
Agricultural implements	1,306	.....	6,313	2
Alfalfa meal	.....	404	.....	404
Ammonium compounds	386	.....	7,668	.....
Animal foods[7]	76	72	76	72
Apparel, wearing (hats, shoes, clothing, etc.)	205	.....	389	2
Asbestos	744	.....	5,112	.....

[7] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Asphalt and tar	656	9,730	22,548	9,942
Automobiles (and autotrucks)	3,575	39	22,256	71
Automobile parts and accessories	602	121	9,477	123
Bags and bagging, textile	291	16	496	276
Bamboo and products	.....	.....	.....	355
Bananas	.....	.....	.....	2,117
Barks, miscellaneous	.....	14	51	501
Barley	.....	61	.....	1,988
Beans, edible, dry	59	3,446	59	13,466
Beer	60	.....	265	.....
Beverages, nonalcoholic	142	.....	142	.....
Blood and tankage	.....	.....	757	.....
Bones and bone meal	.....	19	1,126	19
Books and printed matter	18	175	18	175
Borax	201	828	211	15,484
Bran and pollards	.....	.....	39	1,488
Bricks and tile	289	.....	1,008	36
Camphor, crude	.....	.....	.....	127
Canned and preserved goods:				
Fish	793	9,545	1,185	12,566
Fruit	936	17,282	973	29,161
Meat	552	120	1,797	533
Milk	.....	.....	684	115
Soup	1,435	.....	1,497	3
Vegetables	1,016	3,783	1,036	4,428
Miscellaneous and unclassified	2,203	3,855	2,811	4,200
Carbon black	1	.....	1,213	.....
Celite	.....	895	.....	895
Cement	475	57	19,264	60
Chalk	.....	.....	1,312	.....
Charcoal	90	.....	90	.....
Chemicals [7]	3,613	1,169	9,300	1,959
Clay, china and fire	436	395	1,122	421
Clay, filtering	.....	151	20	151
Coal	872	.....	4,009	.....
Cocoa and cacao beans	286	.....	1,174	2,272
Coconuts and products [7]	8	1,068	161	1,210
Coffee	46	16	5,528	14,651
Coke	.....	.....	8,489	.....
Cold storage and refrigerated products:				
Dairy products	185	193	374	6,190
Eggs	.....	.....	.....	195
Fish	.....	.....	18	305
Lard	487	.....	586	69
Meats	165	279	360	8,317
Poultry	.....	101	3	101
Vegetables	.....	.....	19	81
Other and unclassified	20	116	55	123
Confectionery	1,039	.....	1,097	.....
Copra	.....	370	28	9,895
Copra meal and cake	.....	.....	.....	43
Corn	.....	.....	70	500
Cotton, raw	144	729	9,633	12,801
Creosote	.....	.....	7,974	.....
Drugs and medicines	2,165	31	2,413	67
Dyes	.....	.....	424	.....
Earthenware	2	.....	100	208
Eggs, dried	.....	178	.....	1,490
Electrical apparatus and appliances	1,508	103	2,337	201
Enamelware, metalware	291	.....	376	.....
Explosives	.....	.....	507	373
Extract, quebracho	.....	.....	1,612	.....
Fertilizers [7]	428	.....	4,717	.....
Fish meal	.....	.....	335	3,419
Floor coverings	1,531	912	1,710	987
Flour	63	13,434	330	16,023
Fruit, dried	30	5,135	45	10,759
Fruit, fresh [7]	.....	1,813	3	2,375
Furniture and household goods	525	119	606	149
Gallnuts	.....	.....	.....	28
General	20,517	8,049	53,289	14,089
Glass and glassware	2,482	179	6,116	801
Glue	36	13	36	26
Groceries	447	172	2,642	1,097
Gums	82	.....	92	321
Grains [7]	.....	34	128	72
Hair, all kinds	.....	125	30	506
Hay	.....	212	.....	217
Hemp, unmanufactured	77	263	119	1,791
Honey	.....	81	.....	301

[7] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Hops	.....	2	.....	2
Infusorial earth	.....	534	.....	1,224
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	86,762	1,404	202,737	1,473
Ivory nuts	.....	.....	454	3,032
Jute, unmanufactured	27	.....	132	58
Lard substitute	275	.....	275	87
Lime	.....	.....	82	.....
Liquors	2,534	376	4,289	397
Lumber (including manufactured mill products)	1,860	209,397	2,940	324,907
Machinery	3,985	1,081	19,425	1,293
Malt	11	31	1,343	295
Manufactured goods [7]	6,451	1,366	11,512	3,663
Marble and granite	24	.....	310	.....
Matches	215	36	442	36
Metals:				
Antimony	25	90	25	90
Copper	101	3,084	5,573	34,905
Gold and silver	.....	.....	.....	239
Iron	3,819	.....	113,346	31
Lead	62	2,492	3,913	10,995
Tin	137	38	347	332
Zinc	.....	.....	1,425	5,876
Other and unclassified	228	4	1,660	1,590
Milk, powdered	.....	371	30	440
Molasses and syrups	456	.....	509	9,045
Nitrates	.....	.....	2,062	56,794
Nuts, edible (including meats)	82	35	295	143
Oats	46	383	97	4,700
Oils, mineral:				
Crude	.....	303	28	110,148
Gas and fuel	55	.....	20,791	18,461
Gasoline, benzine, and naphtha	92	67,018	4,199	133,409
Kerosene	.....	7,187	176	43,547
Lubricating and greases	6,135	1,241	27,218	1,396
Other and unclassified	.....	.....	.....	12
Oils, vegetable:				
Coconut	.....	.....	101	4,351
Cottonseed	8	.....	697	2,335
Linseed	170	.....	1,170	.....
Olive	7	23	179	23
Peanut	.....	.....	11	1,083
Rapeseed	.....	.....	.....	20
Teaseed	.....	.....	.....	766
Wood	16	34	16	3,754
Other and unclassified	107	56	1,541	4,616
Oil, fish	.....	.....	103	196
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	.....	4,334	697
Oilseed cake and meal	18	.....	18	7,448
Ores:				
Antimony	.....	.....	.....	3,255
Chrome	21	384	23	16,484
Copper	.....	.....	8,192	3,318
Gold and silver	.....	.....	.....	4,290
Iron	.....	.....	452	142,850
Lead	.....	.....	.....	1,634
Magnesite	.....	5,072	210	10,565
Manganese	92	.....	185	1,997
Tin	45	.....	45	4,142
Zinc	.....	.....	3	13,918
Other and unclassified	278	20	13,935	2,514
Paints and varnishes	1,415	158	3,229	210
Paper and paper products [7]	13,149	7,114	44,385	14,293
Peanuts	242	.....	242	912
Peas, dry	.....	.....	.....	297
Peatmoss	.....	.....	1,385	.....
Phosphates	1,471	.....	51,112	.....
Plaster	.....	.....	1	.....
Porcelainware	311	427	1,174	4,774
Potash	.....	1,349	2,636	1,397
Pyrethrum flowers	.....	.....	.....	44
Rags and waste	249	132	1,177	1,475
Railroad material	1,620	.....	2,656	.....
Rice	184	33	353	786
Rope and twine	333	190	603	339
Rosin	634	130	3,724	130
Rubber:				
Manufactured	1,532	318	2,071	502
Raw	20	667	20	3,990
Scrap	.....	.....	443	889

[7] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Salt	380	352	3,954	352
Sand	54	.....	3,631	500
Scrap metal	90	531	116,766	690
Seeds (except oilseeds)	20	153	333	517
Sewer pipe (concrete and terra cotta)	.....	.....	963	.....
Shells, oyster	595	.....	599	19
Silk, raw	.....	121	4	1,945
Skins and hides	.....	1,171	1,287	5,991
Slag	.....	.....	2,146	.....
Slate	453	.....	453	.....
Soaps and products	2,010	169	2,087	429
Soda and sodium compounds:				
Soda ash	5,111	.....	6,718	462
Soda, caustic	541	.....	2,150	.....
Miscellaneous and unclassified	547	.....	1,154	8,121
Soy beans	.....	.....	149	35
Sugar	36	7,201	2,544	114,751
Sulphur	11,233	.....	29,274	.....
Talc	.....	23	.....	74
Tallow	12	412	44	1,140
Tea	25	1	124	580
Textiles [8]	3,575	91	8,423	7,385
Tinplate	4,020	48	23,268	128
Tobacco and manufactures	458	77	4,451	353
Toilet preparations	176	31	506	158
Turpentine	79	.....	136	.....
Vegetables, dry [7]	.....	5	24	798
Wall board	.....	.....	262	1,202
Wax, paraffin	185	.....	1,097	28
Wheat	.....	103	31	21,107
Wines	120	683	762	1,961
Wood pulp	294	19,890	12,867	22,402
Wool	59	3,731	171	6,815
Total, July 1937	218,973	433,275	1,036,316	1,440,050
Total, July 1936	280,463	413,871	801,517	1,648,807
Total, July 1935	190,494	290,248	649,105	1,128,710

[7] Except as otherwise classified. [8] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of July 1937, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	9	52,082	.....	8	45,548	*85,692
East coast United States and Hawaiian Islands	.....	.....	.....	1	4,412	[9] 7,299
East coast Canada and:						
United States	1	5,966	.....	.....	.....	.....
South America	.....	.....	.....	2	12,172	24,201
South American intercoastal	1	4,455	3,958	.....	.....	.....
West Indies and:						
United States	4	24,436	.....	5	45,548	85,692
South America	1	4,910	10,396	.....	.....	.....
Balboa	1	5,160	10,340	1	5,946	.....
Europe and:						
United States	10	57,912	7,974	5	39,233	61,745
Central America	1	6,204	.....	.....	.....	.....
South America	4	25,745	.....	7	41,826	83,969
Total	32	186,870	32,668	29	179,364	322,285

* Includes 9,730 tons asphalt. [9] Molasses

Comparison of Canal Traffic in July 1937, with July Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of July			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	160	[10] 542	715	1915	[11] 100	361	466
1916	137	481	623	1916	60	199	258
1917	174	556	664	1917	145	483	588
1918	161	496	584	1918	165	547	627
1919	153	510	568	1919	162	510	576
1920	216	855	866	1920	199	712	781
1921	195	810	709	1921	232	950	966
1922	248	1,128	1,211	1922	222	951	907
1923	465	2,309	2,338	1923	325	1,550	1,631
1924	412	2,035	2,097	1924	429	2,179	2,249
1925	403	1,950	1,960	1925	382	1,904	1,996
1926	445	2,154	2,185	1926	424	2,064	2,169
1927	492	2,405	2,449	1927	441	2,184	2,311
1928	492	2,317	2,291	1928	521	2,453	2,468
1929	512	2,467	2,597	1929	524	2,485	2,554
1930	473	2,438	2,401	1930	502	2,497	2,502
1931	394	2,109	1,865	1931	447	2,314	2,089
1932	299	1,675	1,259	1932	364	1,968	1,650
1933	382	2,050	1,698	1933	347	1,900	1,513
1934	394	2,177	1,934	1934	436	2,379	2,059
1935	377	2,036	1,778	1935	432	2,317	2,109
1936	456	2,365	2,450	1936	449	2,335	2,209
1937	457	2,395	2,476	1937	449	2,291	2,342
				[12]	465	2,396	2,495

[10] Canal opened August 15, 1914. [11] Average for 10½ months. [12] Average 7 months of calendar year 1937.

Terminal Activities

Ships repaired during the month of July 1937 numbered 53; of this number 14 were drydocked. Fuel oil in the quantity of 269,777 barrels was delivered as bunkers to 110 commercial ships. Bunker coal amounting to 8,927 tons was delivered to 30 commercial ships. Sales of commissary supplies to ships aggregated $64,135.38.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ... tons	21,762	8,540	30,302
Local cargo shipped ... tons	4,340	3,402	7,742
Cargo received for transshipment ... tons	48,277	3,591	51,868
Cargo transshipped ... tons	45,657	3,249	48,906
"Canal Zone for Orders" cargo:			
Number of receipts issued	11	2	13
Number of releases issued	59	19	78
Tons received	135	7	142
Tons withdrawn	96	9	105

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	528	3,239,957	1,928,978	510	2,984,012	1,790,081
Vessels entering port but not transiting Canal	59	321,591	180,599	11	55,419	30,155
Vessels transiting Canal and handling passengers and cargo at terminal ports	150	998,552	587,405	62	447,597	263,241
Ships clearing						
All vessels, including those transiting Canal	524	3,240,757	1,929,318	511	2,997,918	1,808,745
Vessels clearing port but not transiting Canal	56	306,436	171,512	10	49,630	26,866
Vessels transiting Canal and handling passengers and cargo at terminal ports	149	1,006,907	592,164	62	447,597	263,241

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, July 10, 1937, to midnight, August 10, 1937. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Ancon, 0, 1,523
Naruto Maru, 737, 0
Trois Ilets, 297, 0
Annie Johnson, 173, 145
Veragua, 8, 67
Caribia, 205, 33
Roda, 47, 0
Salvador, 0, 552
Durazzo, 0, 594
Laurits Swenson, 21, 1
West Ira, 0, 312
Amerika, 30, 0
San Angelo, 232, 0
Contessa, 123, 1,052
Margaret Johnson, 4, 186
Santa Maria, 596, 77
Oropesa, 68, 0
Pereira, 930, 609
Vito, 778, 0
Traveller, 326, 0
San Jose, 8, 732
Guayaquil, 931, 427
R. L. Hustler, 1¼, 0
Quirigua, 125, 7
Santa Rita, 380, 97
Osnabruck, 409, 425
Breda, 108, 220
Istmo, 715, 92
Santa Marta, 756, 73
Kiyokawa Maru, 0, 1
Calamares, 488, 284
Pastores, 58, 1,408
Portland, 338, 174
Friesland, 0, 483
Ino, 567, 69¼
Cali, 1,005, 287
Kyphissia, 83, 370
Register, 196, 19
Quirigua, 32, 36
Eridan, 0, 24
Caribia, 23, 2,225
Hermonthis, 45, 177
Kirishima Maru, 459, 7
Santa Paula, 836, 31
Orbita, 48, 758
Cefalu, 132, 845
Orazio, 1, 636
Acajutla, 361, 605
Santa Lucia, 241, 18
Nebraska, 400, 273
Cristobal, 4,669, 901
Santa Barbara, 270, 46½
President Wilson, 145, 0
Augsburg, 8, 151
Hokkai Maru, 751, 172
Venezuela, 50, 119
Peten, 94, 100
Santa Rosa, 98, 8¼
Kamikawa Maru, 781, 0
Metapan, 820, 207
Olancho, 1, 639
Firmore, 12,223, 0
Almeria Lykes, 317, 738
Colombia, 73, 564
San Anselmo, 305, 0
Deroche, 1,410, 0
Ulua, 413, 298
City of Dalhart, 455, 0
Clio, 621, 87
Venezuela, 0, 1,864
Nuevo Panama, 0, 196
Cerigo, 1,184, 491½
Istmo, 649, 282
Cutodian, 226, 31
Peten, 5, 68
Tai Yin, 727, 0
Patricia, 511, 1,137
Mayan, 716, 1,070½
San Antonio, 66, 20
Karnak, 97, 13
Schwaben, 251, 126
Contessa, 234, 672
Mantilla, 3,446, 0
Santa Inez, 142¼, 128
Lysefjord, 37, 511
Chipana, 48, 73
Velma Lykes, 1,375, 7
Buenaventura, 1,562, 601
Delftdijk, 170, 3
Loreto, 0, 692
Flandre, 124, 483
Veragua, 134, 13
San Simeon, 24, 3
Sixaola, 558, 217
Reina del Pacifico, 94, 28
Virgilio, 124, 137
Costa Rica, 28, 71
Ino, 587, 29
Toloa, 686, 253
Haiti, 300, 610
Durazzo, 1,431, 0
Dresden, 242, 128
Istmo, 719, 111
Trois Ilets, 370, 20
Manizales, 6, 406
Kwanto Maru, 611, 0
Veragua, 5, 74
Pasajero, 0, 4
Vancouver, 175, 648
Washington, 540, 268
Santa Elena, 231, 26
Alabama, 375, 424
Boskoop, 155, 953
Cefalu, 531, 634
San Clemente, 316, 0
Baru, 0, 87¼
Vestvard, 1½, 0
Valparaiso, 2, 167½
Santa Clara, 284, 50
Santa Luisa, 505, 31
Dinteldijk, 315, 251
Grete Maersk, 684, 11
Ancon, 3,850, 986
Salvador, 616, 725
Nagara Maru, 489, 0
Curaca, 301, 15
Muenchen, 33, 770
Quirigua, 24, 58
Santa Paula, 238, 340
Tivives, 1,061, 358
Clio, 591, 103
Indien, 628½, 680
Weser, 534, 1,075
Cali, 1,341, 274
Calamares, 599, 500
Lebore, 11,641, 0
Pastores, 87, 1,484
Costa Rica, 1, 1,263
Hindanger, 3, 0
Istmo, 720, 242
Nuevo Panama, 0, 226
Trois Ilets, 373, 177
Limon, 228, 58
Allister, 400, 0
Chisone, 65, 0
Santa Rita, 442, 0
Quirigua, 39, 63
Nuernberg, 241, 29
Chincha, 121, 0
Steelore, 9,832, 0
Seattle, 156, 281
Phrygia, 8, 642
Ino, 608, 11
Anna Knudsen, 11,557, 0
Pereira, 665, 0
Eastern Glade, 10, 0
San Bernardino, 1,121, 0
Orduna, 41½, 981
Canadian Highlander, 57, 39
Elbe, 241, 495
Smaragd, 19, 584
Tillie Lykes, 540, 0
Contessa, 38, 414

BALBOA

Tacoma, 590, 123
Antigua, 422, 52
West Ira, 930, 0
Salvador, 0, 32
Charleston, 12, 0
Santa Maria, 27, 1
Nailsea Court, 271, 3
President Pierce, 8, 0
Republic, 89, 2
Breda, 459, 0
Santa Rita, 182, 51
Osanbruck, 488, 0
St. Mihiel, 758, 757
Portland, 78, 0
Pereira, 0, 150
Warwick, 5,271, 0
Acajutla, 1, 0
Santa Paula, 171, 10
Santa Lucia, 16, 0
Nebraska, 0, 97
Santa Barbara, 132, 2
Santa Rosa, 41, 5
City of Dalhart, 140, 0
Chateau Thierry, 89, 5
Tai Yin, 276, 0
Chiriqui, 380, 31
Axel Johnson, 113, 0
San Antonio, 0, 214
Trois Ilets, 279, 0
President Van Buren, 8, 4
Pennsylvania, 30, 187
Rio de Janeiro Maru, 0, 10
Buenos Aires, 937, 0
Mayan, 0, 27
Talamanca, 422, 0
Takaoka Maru, 81, 1
Santa Elena, 173, 47
Grete Maersk, 84, 0
Vancouver, 247, 21
Salvador, 2, 0
Rotorua, 52, 0
Boskoop, 188, 22
Indien, 1,065, 48
Santa Lucia, 179, 9
Santa Clara, 38, 0
Vinland, 1,124, 0
Curaca, 65, 16
Weser, 1, 155
Santa Paula, 3, 14
Florida Maru, 145, 0
Anitgua, 265, 65
Santa Rita, 3, 1
Antares, 11, 0
Salvador, 0, 33
Scottish Castle, 9,435, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Comparison of Traffic at the Suez and Panama Canals for the Fiscal Years 1936 and 1937

The following is a comparison of traffic at the Suez and Panama Canals for the fiscal years 1936 and 1937:

Month	Suez Canal				Panama Canal			
	Number of transits		Percent		Number of transits		Percent	
	1936	1937	Increase	Decrease	1936	1937	Increase	Decrease
July	487	466	.....	4.3	377	456	21.0	.....
August	503	471	.....	6.4	395	473	19.7	.....
September	531	479	.....	9.6	391	466	19.2	.....
October	604	490	.....	18.6	441	482	9.3	.....
November	548	511	.....	6.8	418	368	.....	11.9
December	493	508	3.0	.....	459	341	.....	25.7
January	533	575	7.9	.....	472	399	.....	15.5
February	471	524	11.3	.....	452	377	.....	16.6
March	548	580	5.8	.....	526	536	1.9	.....
April	490	621	26.7	.....	482	473	.....	1.9
May	484	567	17.2	.....	488	544	11.5	.....
June	426	540	26.8	.....	481	472	.....	1.9
Total	6,118	6,332	3.5	.....	5,382	5,387	0.1	.....

Movements of Ocean Vessels Through the Panama Canal

From midnight July 10, 1937, to midnight August 10, 1937

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Wyoming	10	11	Fr.	French Line	Antwerp, Belg.	Vancouver, B. C.	Coke, chalk.	7,321
Trontolite [1] [2]	10	11	Brit.	Imperial Oil Co.	Barranquilla, Col.	B'ventura, Col.	Gasoline	3,958
Armadale [2]	10	11	Brit.	Australia-Amer. Line.	New York, N. Y.	Frem'tle, Aus'lia.	General	5,374
Gracia	11	11	Brit.	Donaldson Line	Glasgow, Scotland	Vancouver, B. C.	General	1,091
Anniston City	11	11	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Honolulu, T. H.	General	3,895
Egyptian Reefer [2]	11	11	Dan.	J. Lauritzen	Odense, Denmark	S. Francisco, Cal.	Ballast	.....
St. Woolos	11	11	Brit.	Continental Grain Co.	Houston, Tex.	Yokohama, Japan	Scrap iron	9,500
Robert Luckenbach.	11	11	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	5,014
Nuevo Panama [2]	10	11	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P	General	250
Tacoma	10	12	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	([14])	8,133
Istmo	10	11	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	400
Kahuku	11	11	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Tacoma, Wash.	Steel, gen.	5,645
Sambu [2]	10	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	10	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Nike II [5]	3	...	Amer.	W. F. Daniels	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Essex [2]	11	12	Brit.	N. Z. Shipping Co.	Liverpool, Eng.	Dunedin, N. Z.	General	9,833
West Cussetta [2]	11	12	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Yokohama, Japan	Steel	6,837
Heffron	11	12	Amer.	Pac. Coast Dir. Line.	New York, N. Y.	Seattle, Wash.	Steel, gen.	8,385
Mydrecht [1] [2]	11	12	Neth.	Standard Oil Co.	Antwerp, Belgium	Los Angeles, Cal.	Ballast	.....
Steel Seafarer	12	12	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Singapore, St. Set.	General	8,405
Pennington Court	12	12	Brit.	Canadian Transp. Co.	Montreal, Canada	Vancouver, B. C.	General	7,670
Anadara [1] [2]	11	12	Brit.	Anglo-Saxon Pet. Co.	Montreal, Canada	Los Angeles, Cal.	Ballast	.....
Annie Johnson [2]	12	12	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	General	4,065
Maria Cristina [3]	12	12	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	2
Laurits Swenson [2]	12	13	Nor.	Fred Olsen Line	Sauda, Norway	Vancouver, B. C.	General	6,704
Hai Da	12	13	Chin.	Wah Shang S. S. Co.	New York, N. Y.	Pukow, China	Sulphur	5,000
KatrineMaersk [1] [2]	12	13	Dan.	A. P. Moller	Donges, France	Los Angeles, Cal.	Ballast	.....
Liberty Glo	13	13	Amer.	McCormick S. S. Co.	Norfolk, Va.	Tacoma, Wash.	General	4,407
Point Estero	13	13	Amer.	Gulf Pacific Line	Houston, Tex.	Seattle, Wash.	General	6,457
Brilliant [1] [2]	13	13	Amer.	Socony Vac. Oil Co.	Albany, N. Y.	Los Angeles, Cal.	Ballast	.....
Charleston [1] [3]	13	...	Amer.	U. S. Navy	U. S. port	Balboa, C. Z.	Ballast	.....
Salvador	6	14	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	552
Canadian Cruiser.	13	14	Brit.	Mont.-Aust.-N.Z. Line	Three Riv., Can.	Sydney, Aust'lia.	Newsprint	4,745
Amerika [2]	13	14	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	General	834
Durazzo	10	14	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	595
Tai Ping Yang [2]	13	13	Pan.	Barber-Wilhelmsen	New York, N. Y.	Moji, Japan	Scrap iron	8,650
San Angelo	13	14	Amer.	Quaker Line	New York, N. Y.	San Diego, Calif.	([15])	5,716
Baru [2]	13	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
D. G. Scofield [1]	13	14	Amer.	Standard Oil of Calif.	Providence, R. I.	S. Francisco, Cal.	Ballast	.....
Louisianan	13	14	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	2,710
American	13	14	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,836
Camden [1]	14	14	Amer.	Shell Oil Co.	Sewaren, N. J.	Los Angeles, Cal.	Ballast	.....
Port Darwin	13	14	Brit.	Mont.-Aust.-N.Z. Line	Montreal, Canada	Wellington, N. Z.	General	6,074
Sambu [2]	13	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real [2]	13	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Winslow [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge.	.....
Taylor [9]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Lapwing [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Soloy [2]	14	15	Nor.	Canadian Gulf Line	Houston, Tex.	Powell Riv., B. C.	Ballast	.....
Holmpark	14	15	Brit.	J. & J. Denholm	Texas City, Tex.	Osaka, Japan	([16])	8,374
Robert F. Hand [1] [2]	15	15	Brit.	Standard Oil of N. J.	Belfast, Ireland	El Segundo, Cal.	Ballast	.....
Hagan [1]	15	15	Amer.	Shell Petroleum Co.	Fall River, Mass.	Los Angeles, Cal.	Ballast	.....
Scottish Borderer. [1] [2]	6–24	16	Brit.	Standard Oil of N. Y.	Falmouth, Eng.	Talara, Peru	Ballast	.....
Lillian Luckenbach.	15	15	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	3,368
Frank [3]	15	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [17]	.....	.....
President Pierce	16	16	Amer.	Dollar Line	Boston, Mass.	Round the world.	Gen., paper.	4,892
Foylebank [2]	15	16	Brit.	Bank Line, Ltd	Boston, Mass.	Shanghai, China.	General	4,050
California	16	17	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,449
Fernbrook [2]	15	16	Nor.	Fern Line	Port Tampa, Fla.	Niihama, Japan.	([18])	7,613
S-42 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
S-44 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Kiyosumi Maru [2]	15	16	Jap.	Kokusai K. Kaisha	New York, N. Y.	Kobe, Japan	Pig iron, gen.	7,397
S-43 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
S-45 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
S-46 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Deebank	16	21	Brit.	Bank Line, Ltd	Tampico, Mexico	Adelaide, Aust'lia	Asphalt, gen.	7,705
Mallard [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Ida F [5]	...	...	Amer.	D. McAlister	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Osnabruck [2]	16	18	Ger.	North German Lloyd.	Hamburg, Ger.	Valparaiso, Chile.	Gen., paper.	5,257
Jacob Luckenbach	17	17	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General	6,286
Frank Seamans	17	17	Nor.	States Marine	Boston, Mass.	Kobe, Japan	Pig iron	6,200

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [9] Destroyer. [10] Mine sweeper. [13] Gunboat. [14] Iron, cement, general, etc. [15] Steel, pipe, general. [16] Scrap iron and steel. [17] For bananas and return to Cristobal. [18] Phosphate, pig iron.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Santa Rita[2]	16	17	Amer.	Grace Line	New York, N. Y.	Ant'fagasta, Chile	General	2,090
Breda	16	22	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	4,119
Merope[1]	17	17	Fr.	Raffineries de Berre	Berre, France	Talara, Peru	Ballast	
Birmingham City	17	17	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Shanghai, China	Steel, pipe	8,529
Harpoon	17	17	Amer.	Shepard Line	Boston, Mass.	Seattle, Wash.	General	3,618
Kiyokawa Maru[2]	17	17	Jap.	Kawasaki K. Kaisha	Philadelphia, Pa.	Dairen, China	(13)	5,116
Svealand[2]	17	18	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Kentuckian	17	17	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Portland, Oreg.	General	3,216
Istmo	17	17	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	140
Calmar	17	18	Amer.	Calmar S. S. Corp.	Baltimore, Md.	Seattle, Wash.	Gen., steel	8,714
Cambridge	17	18	Brit.	Amer.-Aust. Line	London, England	Sydney, Aust'lia	General	5,081
Rigmor[1] [2]	18	18	Nor.	Waages Tankrederi	Antwerp, Belgium	Los Angeles, Cal.	Ballast	
Berganger[2]	17	18	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Passengers	
St. Mihiel[3]	17		Amer.	U. S. Army	Brooklyn, N. Y.	Balboa, C. Z.	Supplies	327
Sidney M. Hauptman.	18	18	Amer.	McCormick S. S. Co.	Norfolk, Va.	Portland, Oreg.	General	5,118
Ino[2]	17	18	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	61
Portland[2]	17	20	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	6,235
Pereira	14	19	Pan.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	627
Baru[2]	17		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Leander[12]	19		Brit.	British Government	Kingston, Jamaica	Balboa, C. Z.	Ballast	
Friesland[2]	17	19	Ger.	Hamburg-Amer. Line.	New Orleans, La.	Yokohama, Japan	General	9,419
Cambria[13]	18	19	Brit.	Eastern Tel. Co.	St. Thomas, V. I.	Arica, Chile	Ballast	
Amagisan Maru[2]	19	19	Jap.	Mitsui Bussan Kaisha	Boston, Mass.	Yokohama, Japan	Steel, rosin	8,232
Belgium Maru	19	19	Jap.	NipponKagakuKogyo	S.Boca Gr'de, Fla.	Japan	Phosphate	7,948
Miralda[1] [2]	19	19	Neth.	Anglo-Saxon Pet. Co.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	
Pacific Grove[2]	19	20	Brit.	Furness, Withy & Co.	Glasgow, Scotland	Portland, Oreg.	General	1,048
Golden Kauri	19	19	Amer.	Isthmian S. S. Lines	New York, N. Y.	Seattle, Wash.	Steel, gen	4,468
Cali	17	19	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	261
Baron Cawdor	18	19	Brit.	Hogarth & Sons	Baltimore, Md.	Osaka, Japan	Pig iron	7,000
Amerikaland[2]	19	20	Swed.	Ore S. S. Corp.	New York, N. Y.	Cruz Gr'de, Chile	Ballast	
Eridan[2]	19	19	Fr.	MessageriesMaritimes	Marseilles, France	Noumea, N. Caled	General	2,568
Enoch[3]	19		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[14]		
Luna[2]	19	19	Pan.	A. Tagaropulos	Cristobal, C. Z.	Darien, R. P.	General	3
Texas Sun[1] [2]	19	20	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	
Point Judith	19	20	Amer.	Swayne & Hoyt	Houston, Tex.	Tacoma, Wash.	Gen., paper	3,132
Frida	19	20	Dan.	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	1,693
Antofagasta	20	20	Chile.	Chile-N. Amer. Line	New York, N. Y.	Valparaiso, Chile	(16)	5,157
Montanan	20	21	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,161
Gertrude Maersk[2]	21	21	Dan.	Isbrandtsen Moller	Boston, Mass.	Manila, P. I.	General	6,400
Washington	21	21	Amer.	Weyerhaeuser S.S.Co.	Norfolk, Va.	Seattle, Wash.	Gen., steel	4,916
New Zealand Star[2]	21	21	Brit.	N. Z. Shipping Co.	London, England	Lyttleton, N. Z.	General	6,416
Flowergate	21	21	Brit.	Chile Nit. Sales Corp.	LasP'lmas, Can. Is	Ant'fagasta, Chile	Ballast	
Orbita	20	21	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile	General	2,072
Cape York	21	21	Brit.	Isthmian S. S. Lines	Baltimore, Md.	Yokohama, Japan	(17)	8,500
Sambu[2]	20		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real[2]	20		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
President Lincoln	22	23	Amer.	Dollar Line	Boston, Mass.	Manila, P. I.	(18)	5,858
Krone	21	22	Nor.	Mitsubishi S. Kaisha	Port Tampa, Fla.	Seikoshin, Korea	Phosphate	9,272
Taygetos	21	22	Greek.	Chile Nit. Sales Corp.	Norfolk, Va.	Iquique, Chile	Ballast	
Nako Maru[2]	22	22	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	General	8,300
Nebraska	21	23	Brit.	Royal Mail Lines	Rotterdam, Neth.	Vancouver, B. C.	General	3,698
Santa Barbara[2]	22	23	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	3,320
Augsburg	22	23	Ger.	North German Lloyd.	Antwerp, Belgium	Mazatlan, Mexico	General	7,944
Trois Ilets	11	23	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	Ballast	
Annam[2]	22	23	Dan.	East Asiatic Co.	Charleston, S. C.	Yawata, Japan	Scrap iron	9,587
Mauna Loa	22	23	Amer.	Matson Nav. Co.	New York, N. Y.	Honolulu, T. H.	Steel, gen	4,637
Lewis Luckenbach	23	23	Amer.	Luckenbach Line	Providence, R. I.	Seattle, Wash.	General	3,660
Ripley[2]	23	23	Brit.	States Marine Corp.	Boston, Mass.	Yokohama, Japan	Pig iron	8,800
Mina	23	24	Greek.	Yamashita Line	Baltimore, Md.	Japanese ports	Steel	4,050
Santa Rosa	23	24	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	2,262
Mataroa	23	24	Brit.	Shaw, Savill & Albion	London, England	Auckland, N. Z.	General	5,686
Mangalore	23	24	Brit.	Port Line	Philadelphia, Pa.	Adelaide, Aust'lia	General	8,129
Michalakis	23	24	Greek.	Chile Nit. Sales Corp.	Norfolk, Va.	Chile	Ballast	
Floridian	24	24	Amer.	Amer.-Hawaiian Line.	Jacksonville, Fla.	Seattle, Wash.	General	6,045
Nebraskan	24	24	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,267
Henry D. Whiton	24	24	Amer.	Union Sulphur Co.	Freeport, Tex.	Tacoma, Wash.	Sulphur	6,400
Ringulv	23	24	Nor.	Olaf Ringdal	Philadelphia, Pa.	Kobe, Japan	Pig iron	6,534
Elwood[1]	24	24	Amer.	Shell Oil Co.	Chelsea, Mass.	Los Angeles, Cal.	Ballast	
Charles R. McCormick.	24	24	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	Steel, gen	4,960
Elna	24	24	Eston.	Chile Nit. Sales Corp.	Newport, England	Tocopilla, Chile	Ballast	
Chr. Knudsen[2]	25	25	Nor.	Canadian Transp. Co.	Botwood, Nfld.	Tacoma, Wash.	Copper ore	8,192
Hokuroku Maru[2]	25	25	Jap.	Osaka Shosen Kaisha	Philadelphia, Pa.	Kobe, Japan	Iron, gen	7,562
Porter[9]	25		Amer.	U. S. Navy	U. S. ports	Balboa, C. Z.	Ballast	
Steel Engineer	25	25	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Seattle, Wash.	Steel, gen	5,594
Scottish Heather[1]	25	25	Brit.	Standard Oil of N. J.	Aruba, N. W. I.	SanAntonio, Chile	Fuel oil	10,396

[1] Tanker. [2] Motor ship. [3] Motor schooner. [8] Transport. [9] Destroyer. [12] Cruiser. [13] Cable ship. [14] For bananas and return to Cristobal. [15] Pig iron, automobiles, etc. [16] General, sugar, oil, etc. [17] Steel products and tinplate. [18] Machinery, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Firmore	23	25	Amer.	Ore S. S. Corp.	Newp't News, Va.	Cruz Gr'de, Chile	Ballast	
Clio[2]	24	25	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	78
Zografia Nicolau	25	25	Greek.	Geo. Nicolau, Ltd.	Trenton, N. J.	Moji, Japan	Scrap iron	10,866
San Anselmo	24	25	Amer.	States S. S. Co	New York, N. Y.	Tacoma, Wash.	General	4,736
Mount Othrys	25	25	Greek.	Chile Nit. Sales Corp.	Sydney, N. S.	Chile	Ballast	
Penrith Castle[2]	25	25	Brit.	Barber Line	New York, N. Y.	Shanghai, China	General	5,380
Taiwan[2]	25	25	Nor.	Barber Line	New York, N. Y.	Yawata, Japan	Scrap iron	8,500
Nuevo Panama[2]	24	25	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Puntarenas, C. R.	General	150
Athelempress[1 2]	25	25	Brit.	Nippon Tanker	Birkenhead, Eng.	Los Angeles, Cal.	Ballast	
Sona[2]	24		Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Minnie Maru[13]			Amer.	G. C. Dunlop	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Col. Riche[5]	3		Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
Embassage	25	26	Brit.	Anglo-Can. S. S. Co.	Tyne, England	Vancouver, B. C.	Ballast	
Istmo	24	26	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	600
Axel Johnson[2]	25	26	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Gen., paper	3,623
Western Sun[1 2]	25	26	Amer.	Sun Oil Co	Marcus Hook,Pa.	Los Angeles, Cal.	Ballast	
Cerigo	24	26	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	433
Acajutla	20	26	Brit.	Pacific Steam Nav.Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	605
Geddington Court	26	26	Brit.	Canadian Transp. Co.	Quebec, Canada	Tacoma, Wash.	([18])	10,256
Luna[2]	26	26	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Point Bonita	27	27	Amer.	Swayne & Hoyt	Tampa, Fla.	Tacoma, Wash.	Sulphur, gen.	5,144
Mount Helmos	26	27	Greek.	R. & K. Kulukundis.	New York, N. Y.	Yokohama,Japan	Pig iron	9,400
Edward Luckenbach.	27	27	Amer.	Luckenbach Line	Mobile, Ala.	Tacoma, Wash.	General	2,942
San Antonio	27	28	Fr.	French Line	Antwerp,Belgium	Vancouver, B. C.	General	6,151
Karnak	27	27	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Corral, Chile	General	6,727
Telde	27	27	Hond.	United Fruit Co.	Mobile, Ala.	Pto. Arm'les,R.P.	Ballast	
Dessau	27	28	Ger.	Aguila, Tampico	Tampico, Mexico	Melbourne, Aust.	Asphalt	7,355
Nevadan	27	28	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,709
British Prince[2]	28	28	Brit.	Canadian Transp. Co.	Montreal,Canada	Vancouver, B. C.	General	3,260
Schwaben	27	28	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	7,632
City of Pittsburg	28	29	Brit.	Ellerman & Bucknall.	Montreal,Canada	Kobe, Japan	([19])	8,704
Cingalese Prince[2]	28	28	Brit.	Mitsui & Co.	Baltimore, Md.	Moji, Japan	Scrap iron	8,810
Somerville[2]	28	28	Nor.	A. F. Klaveness & Co.	Baltimore, Md.	Kobe, Japan	Pig iron	7,174
Bralanta[1 2]	28	28	Nor.	Braathan & Co.	Rouen, France	California	Ballast	
Enoch[3]	28		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[17]		
Sambu[2]	27		Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real[2]	27		Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Bushnell[14]	22		Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Babbitt[9]	27		Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Onassi Pinelopi	28	29	Greek.	Dracoulis, Ltd.	Texas City, Tex.	Yawata, Japan	Scrap iron	7,165
Franz Klasen[2]	29	29	Pan.	W. Tankschiff Rhed'i.	Hamburg, Ger.	Talara, Peru	Ballast	
Taylor[9]	27		Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Horace Luckenbach.	29	29	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,339
Chipana	28	29	Amer.	Grace Line	New York, N. Y.	SanAntonio,Chile	General	3,452
Tsuyama Maru	29	29	Jap.	Nippon Yusen Kaisha	La Guayra,Venez.	Kobe, Japan	([20])	8,261
President Van Buren.	30	30	Amer.	Dollar Line	New York, N. Y.	Round the world.	General	3,901
Rio de Janeiro Maru.[2]	30	31	Jap.	Osaka Shosen Kaisha.	Montevideo,Uru	Kobe, Japan	([21])	4,639
Pennsylvania	30	31	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,859
Washingtonian	29	30	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	5,104
Cucuta[15]	29	31	Col.	Colombian Govt.	Cartagena, Col.	B'ventura, Col.	Ballast	
Delftdijk[2]	29	30	Neth.	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B. C.	General	3,256
Tornus[1 2]	30	30	Brit.	Anglo-Saxon Pet. Co.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	
Evanger	30	30	Nor.	Westfal, Larsen & Co.	Rosario, Arg.	Vancouver, B. C.	General	6,588
City of Dieppe	30	30	Brit.	Ellerman & Bucknall.	Paulsboro, N. J.	Adelaide, Aust'lia	General	6,023
Jeff Davis[2]	30	30	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Hongkong, China	Steel, gen.	7,354
Virgilio[2]	30	31	Ital.	Italian Line	Genoa, Italy	Valparaiso, Chile.	General	1,062
Charleston[16]	27		Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Loreto[2]	29	31	Brit.	Pacific Steam Nav.Co.	Hull, England	Talcahuano,Chile	General	5,927
Buenos Aires[2]	30	1	Swed.	Johnson Line	Goth'burg, Swed.	Honolulu, T. H.	General	6,963
Victoria City	30	31	Brit.	Mitsubishi Shoji K.	Savannah, Ga.	Yawata, Japan	Scrap metal	8,234
Stavros	31	31	Greek.	Chile Nit. Sales Corp.	Norfolk, Va.	Tocopilla, Chile.	Ballast	
Bethore	31	31	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Columbian	31	31	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,975
Pacific Enterprise[2]	31	31	Brit.	Furness, Withy & Co.	Glasgow,Scotland	Vancouver, B. C.	General	1,100
Ino[2]	30	31	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	27
R. J. Hanna[1]	31	31	Amer.	Standard Oil of Calif.	Baltimore, Md.	S. Francisco, Cal.	Ballast	
Integritas	31	31	Ital.	The Cattman Co.	Baltimore, Md.	SanAntonio,Chile	Ballast	
Laila	31	1	Dan.	West Coast Line	New York, N. Y.	Talcahuano,Chile	General	2,250
Dresden[2]	31	1	Ger.	North German Lloyd.	Hamburg, Ger.	Valparaiso, Chile.	General	6,253
Lilian Moller[2]	31	1	Brit.	Mitsubishi Shoji K.	Tampa, Fla	Seikoshin, Korea.	Phosphates	6,693
Pennmar	31	1	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Gen., steel	8,202
Silversandal[2]	31	1	Brit.	S. & J. Thompson	Baltimore, Md.	Hongkong, China	General	5,194
Chattanooga City	1	1	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Hilo, T. H.	General	3,997

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [9] Destroyer. [13] Sloop. [14] Submarine tender. [15] Training ship. [16] Gunboat. [17] For bananas and return to Cristobal. [18] Concentrates, steel. [19] Newsprint, asbestos. [20] Steel, zinc, lead, etc. [21] Cotton, coffee, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
President de Vogue.[1] [2]	1	1	Nor...	Cia. des Prod. Chimiques et Raffinerie.	Port de Bouc, Fr.	Talara, Peru....	Ballast.....	.....
Steelmaker.....	1	1	Amer..	Isthmian S. S. Lines..	Portland, Me....	Seattle, Wash...	General.....	5,510
Mayan.....	27	2	Amer..	Grace Line.....	Cristobal, C. Z..	Champ'ico, Guat.	General.....	1,071
Gen. G. W. Getty[4]	...	...	Amer..	P. J. Flynn.....	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
Col. Riche[5].....	25	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
Jumna.....	1	2	Brit...	States Marine Corp..	Houston, Tex....	Kobe, Japan....	Scrap iron...	8,236
Istmo.....	31	2	Pan...	Elliot Ship.& Land Co.	Cristobal, C. Z..	B'ventura, Col...	Gen., autos..	8,236
Kongo Maru[2]....	1	2	Jap....	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan....	([15])	7,909
Eleonora Maersk.[1] [2]	1	2	Dan...	Shell Oil Co.....	Curacao, N. W. I.	S. Francisco, Cal.	Ballast.....	.....
Hopestar.....	2	2	Brit...	Chile Nit. Sales Corp.	Vlaardingen,Neth	Tocopilla,.Chile..	Ballast.....	.....
Dora[1].....	2	3	Amer..	U. S. Tankship Corp..	Mobile, Ala.....	Honolulu, T. H..	Ballast.....	.....
Manizales.....	1	2	Ger...	North German Lloyd.	Manaure, Col...	Guayaquil, Ecua.	Gasoline, gen	1,052
Trois Ilets.....	1	2	Fr....	French Line.....	Cristobal, C. Z..	B'ventura, Col...	General.....	23
Epaminondas C. Embiricos.	2	2	Greek.	Yamashita Ship. Co..	Houston, Tex...	Yawata, Japan..	Scrap iron...	6,385
Point Palmas....	2	3	Amer..	Swayne & Hoyt.....	Houston, Tex....	Tacoma, Wash..	General.....	6,763
Hanley.....	3	3	Amer..	Weyerhaeuser S. S. Co.	Norfolk, Va.....	Everett, Wash...	([16])	9,187
Bordeaux Maru..	3	3	Jap...	K. Line.....	New Orleans, La.	Kobe, Japan....	([17])	7,409
Kansan.....	3	3	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Portland, Oreg..	General.....	3,508
Seetenfel[6].....	25	6	Ger...	Count Felix Luckner.	Aruba, N. W. I..	Galapagos Is....	Ballast.....	.....
San Benito.....	3	3	Pan...	United Fruit Co.....	Mobile, Ala.....	Pto. Arm'les,R.P.	Ballast.....	.....
Marore.....	3	3	Amer..	Ore S. S. Corp.....	Baltimore, Md...	Cruz Gr'de, Chile	Ballast.....	.....
Vancouver.....	2	4	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	Vancouver, B. C.	General.....	4,998
Luna[2].....	3	4	Pan...	A. Tagaropulos.....	Cristobal, C. Z..	Real, R. P.....	General.....	3
L-53[5].....	...	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Tow. barge..	.....
Rusty[13].....	...	...	Amer..	Eddie H. Cook.....	Gatun, C. Z.....	Cristobal, C. Z..	Ballast.....	.....
Alabama.....	2	4	Fr....	French Line.....	Havre, France...	Talcahuano,Chile	Gen., iron...	2,868
Boskoop.....	3	4	Neth..	Royal Neth. S. S. Co.	Hamburg, Ger...	Corral, Chile....	General.....	5,119
San Clemente....	3	4	Amer..	Quaker S. S. Line....	New York, N. Y.	Tacoma, Wash..	General.....	5,581
Loch Maddy.....	3	4	Brit...	Moore, San Francisco.	New Orleans, La.	Brit. Columbia..	Ballast.....	.....
American Robin..	4	4	Amer..	Amer.-For. S.S. Corp.	Pt. Sulphur, La..	S. Francisco, Cal.	Sulphur....	7,070
Nordnes[2].....	4	4	Nor...	Canadian-Gulf Line..	Houston, Tex....	Powell River,B.C.	Oak lumber.	25
Baru[2].....	3	4	Pan...	Elliot Ship.& Land Co.	Cristobal, C. Z..	Pedregal, R. P...	Steel.....	75
Santa Lucia.....	4	5	Amer..	Grace Line.....	New York, N. Y.	SanAntonio,Chile	General.....	2,551
Enoch[3].....	4	5	Pan...	E. J. Hooper.....	Cristobal, C. Z..	Gatun, C. Z.[14]..	.....	.....
Real[2].....	3	...	Pan...	Elliot Ship.& Land Co.	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
Sambu[2].....	3	...	Pan...	Elliot Ship.& Land Co.	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
Gringa[5].....	...	...	Amer..	Richard G. Levy....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Rangitane[2].....	5	...	Brit...	N. Z. Shipping Co....	London, England.	Auckland, N. Z..	General.....	5,148
Taylor[9].....	3	...	Amer..	U. S. Navy.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
L.A.Christensen[2].	4	5	Nor...	Chile. Nit. Producers.	New York, N. Y.	Ant'fagasta,Chile	General.....	2,720
Babbitt[9].....	3	...	Amer..	U. S. Navy.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Chastine Maersk[2]	5	5	Dan...	Isbrandtsen Moller...	Newp't News,Va.	Hongkong, China	General.....	6,578
Admiral Wiley...	5	5	Amer..	Bulk Carriers Corp...	Hopewell, Va....	S. Francisco, Cal.	Nit. of soda.	3,999
Nyugat.....	5	5	Hung..	Trans Ocean Coal Co.	Nordenham, Ger.	Los Angeles, Cal.	Coke.....	5,000
Vinland[2].....	5	6	Nor...	Scand.-S. Pac. Line..	Goth'burg, Swed.	Valparaiso, Chile.	General.....	1,380
Winslow[5].....	4	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Tow. barge..	.....
Brazos[1].....	4	6	Amer.	U. S. Navy.....	Cristobal, C. Z..	San Diego, Calif.	Ballast.....	.....
Mathew Luckenbach.	5	6	Amer..	Luckenbach Line....	Houston, Tex....	Seattle, Wash...	General.....	3,825
Pan Norway[1] [2]..	6	6	Nor...	Standard Oil of N. J..	Nyborg, Den....	Talara, Peru....	Ballast.....	.....
F. J. Luckenbach.	6	6	Amer..	Luckenbach Line....	Boston, Mass....	Tacoma, Wash..	General.....	4,163
Sanyo Maru[2]....	6	6	Jap....	Osaka Shosen Kaisha.	Boston, Mass....	Kobe, Japan....	General.....	8,217
Hertford.....	6	6	Brit...	Fed. Steam Nav. Co..	Liverpool, Eng..	Pt.Chalmers,N.Z.	General.....	11,882
Curaca.....	5	6	Amer..	Grace Line.....	New York, N. Y.	Chanaral, Chile..	General.....	2,770
Mahan[9].....	4	6	Amer..	U. S. Navy.....	Guantan'o, Cuba.	San Diego, Calif.	Ballast.....	.....
Bradford City[2]...	6	6	Brit...	Reardon-Smith Line..	Mobile, Ala.....	Osaka, Japan....	Pig iron....	9,116
Sangstad[2].....	6	6	Nor...	Fern Line.....	New York, N. Y.	Yokohama,Japan	Pig iron....	7,222
Santa Paula.....	6	6	Amer..	Grace Line.....	New York, N. Y.	S. Francisco, Cal.	General.....	2,540
Sea Thrush.....	6	7	Amer..	Shepard S. S. Co....	Boston, Mass....	Tacoma, Wash..	General.....	4,884
Pomona.....	7	7	Amer..	Pac. Coast Direct Line	New York, N. Y.	Everett, Wash...	General.....	2,610
Baldbutte[1].....	7	7	Amer..	Shell Oil Co.....	Albany, N. Y....	Los Angeles, Cal.	Ballast.....	.....
Dorothy Cahill...	7	7	Amer..	Arrow Line.....	Baltimore, Md...	Seattle, Wash...	General.....	4,704
Hindanger[2].....	7	7	Nor...	Interocean S. S. Co..	Rotterdam, Neth.	Los Angeles, Cal.	Toys.....	7
Tai Ping[2].....	7	7	Nor...	Barber-Wilhelmsen...	New York, N. Y.	Yokohama,Japan	([18])	5,953
Munchen[2].....	5	7	Ger...	North German Lloyd.	Hamburg, Ger...	Corral, Chile....	General.....	5,610
Phemius.....	7	7	Brit...	Alfred Holt & Co....	Boston, Mass....	Hongkong, China	General.....	5,586
Bereby.....	7	7	Brit...	Continental Grain Co.	Buenos Aires,Arg.	Portland, Oreg...	Maize.....	7,034
Portmar.....	7	7	Amer..	Calmar Line.....	Baltimore, Md...	Los Angeles, Cal.	Steel, gen...	6,726
El Oso[1].....	7	8	Brit...	C. T. Bowring & Co..	Swansea,England	Cabo Bl'co, Peru.	Ballast.....	.....
Clio[2].....	6	7	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	94
Falsterbo[2].....	7	8	Swed..	Anglo-Can. S. S. Co..	Hopewell, Va....	James Is., B. C..	Nit. of soda.	2,545
Modavia[2].....	7	8	Brit...	Donaldson Bros.....	Glasgow,Scotland	Vancouver, B. C.	General.....	720
Aymeric.....	8	8	Brit...	Andrew Weir & Co...	Baltimore, Md...	Vancouver, B. C.	Ballast.....	.....
Fernmoor[2].....	8	8	Nor...	Mitsui & Co.....	Philadelphia, Pa.	Moji, Japan.....	Pig iron....	7,135

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [9] Destroyer. [13] Sailboat. [14] For bananas and return to Cristobal. [15] Scrap iron, steel. [16] General, steel, oil, etc. [17] Scrap iron, cotton, etc. [18] Scrap iron, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Lebore	7	8	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Goslar	8	8	Ger.	North German Lloyd.	Tampico, Mexico	Adelaide, Aust'lia	(15)	8,200
Cali	6	8	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	248
Nuevo Panama[2]	7	8	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Pto. Arm'les,R.P.	General	237
Sona[2]	7	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira[2]	7	...	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Piako	8	9	Brit.	N. Z. Shipping Co.	Liverpool, Eng.	Auckland, N. Z.	General	3,065
Istmo	7	9	Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	360
Heina[2]	8	9	Nor.	Isbrandtsen Moller	Savannah, Ga.	Yokobama,Japan	General	6,895
Chisone[2]	8	9	Ital.	Italia, Genoa	Trieste, Italy	Vancouver, B. C.	General	16
Steel Age	8	9	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Seattle, Wash.	Gen., steel	6,546
Antares[13]	7	10	Amer.	U. S. Navy	Boston, Mass.	Puget Sd., Wash.	General	1,966
Scottish Minstrel.[1] [2]	7	9	Brit.	Standard Oil of N. J.	Caripito, Venez.	Tocopilla, Chile	Fuel oil	9,617
Peljeanne[2]	9	9	Nor.	Anglo-Can. S. S. Co.	Texas City, Tex.	Yawata, Japan	Scrap iron	9,616
Trois Ilets	7	9	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	162
Arkansan	9	9	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	3,680
Scottish Castle[1]	9	10	Brit.	Standard Oil of N. J.	Aruba, N. W. I.	Talara, Peru	Fuel oil	9,435
Salvador	4	10	Brit.	Pacific Steam Nav.Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	724
Kassos	9	10	Greek	Chile Nit. Sales Corp.	Norfolk, Va.	Salaverry, Peru	Coal	4,068
Point Chico	10	10	Amer.	Swayne & Hoyt	Houston, Tex.	Seattle, Wash.	General	5,730
Eastern Glade	10	10	Amer.	Prudential S. S. Co.	Norfolk, Va.	Los Angeles, Cal.	General	3,908
Steelore	9	10	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Bosworth	10	10	Brit.	Long Is. Mach. & Eq.	Newp't News,Va.	Osaka, Japan	Scrap	8,466
Norseman[2]	10	10	Pan.	States Marine Corp.	Baltimore, Md.	Moji, Japan	Steel plates	6,813
Ino[2]	9	10	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	10
Telde	10	10	Hond.	United Fruit Co.	Mobile, Ala.	Pto. Arm'les,R.P.	Ballast	.....
Missourian[2]	10	10	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	5,326
Luna[2]	10	10	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Eagle[1]	9	11	Amer.	General Pet. Corp.	Los Angeles, Cal.	Curacao, N.W.I.	Ballast	.....
Naruto Maru[2]	11	11	Jap.	Nippon Yusen Kaisha	Keelung, Japan	New York, N. Y.	Oil, silk, gen.	5,160
R. J. Hanna[1]	11	11	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Providence, R. I.	Asphalt	9,730
Deerpool	11	11	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Cardiff, Wales	Lumber	7,194
Tamaroa	10	11	Brit.	Shaw, Savill & Albion.	Auckland, N. Z.	London,England.	Frozen, gen.	4,560
Watsonville	11	11	Amer.	Hammond Lumb. Co.	Eureka, Calif.	Irvington, N. J.	Lumber	3,000
Trois Ilets	11	...	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	270
Roda[2]	11	12	Ger.	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	7,294
Dakotan	11	12	Amer.	Amer.-Hawaiian Line.	Astoria, Oreg.	Boston, Mass.	General	6,331
Storstad[1] [2]	11	12	Nor.	Standard Oil of N. J.	Talara, Peru	Havre, France	Crude oil	12,847
Gausdal[2]	12	12	Nor.	States Marine Corp.	Dairen, China	New Orleans, La.	(16)	7,790
Timber Rush	12	12	Amer.	Shepard S. S. Co.	Seattle, Wash.	Albany, N. Y.	Lumber, gen.	7,609
Strombo[1] [2]	11	13	Ital.	Gibson-London	Los Angeles, Cal.	Lands End[14]	Gas oil	7,158
Susan V. Luckenbach.	12	12	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	5,618
West Ira	11	13	Amer.	McCormick S. S. Co.	Seattle, Wash.	Santa Fe, Arg.	Lumber, gen.	6,110
Winslow[5]	12	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Pennsylvania	12	13	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	5,525
Bethore	13	13	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,700
Margaret Johnson.[2]	13	14	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	General	5,616
Baru[2]	13	14	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	100
Eleanor Christensen.	12	13	Amer.	Arrow Line	S. Bend, Wash.	Baltimore, Md.	Lumber	7,649
Stjerneborg[2]	12	13	Dan.	C. K. Hansen	Noumea,N.Caled	Baltimore, Md.	Chrome ore	8,000
Gregalia	13	13	Brit.	Donaldson Line	Vancouver, B. C.	Glasgow,Scotland	General	7,662
Steel Trader	13	13	Amer.	Isthmian S. S. Lines	Honolulu, T. H.	Baltimore, Md.	(17)	6,111
Arantzazu Mendi	13	14	Span.	Cia. Na. Sota y Aznar	Vancouver, B. C.	London, England.	(18)	8,047
Sambu[2]	13	14	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	24
Real[2]	13	14	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Oropesa	14	14	Brit.	Pacific Steam Nav.Co.	SanAntonio,Chile	Liverpool, Eng.	General	11,550
Dahlgren[9]	9	14	Amer.	U. S. Navy	San Diego, Calif.	New York, N. Y.	.....	.....
Pereira	14	18	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	838
Arinia[1] [2]	13	14	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, N.W.I.	Benzine	11,686
Santa Maria[2]	14	14	Amer.	Grace Line	SanAntonio,Chile	New York, N. Y.	General	5,283
Vito[2]	14	15	Nor.	Kawasaki Kisen K.	Tsingtao, China	Baltimore, Md.	Sugar, gen.	7,207
Tosca[2]	14	14	Nor.	Knut Knutsen	Tocopilla, Chile	Copenhagen,Den.	General	7,027
Peter Kerr	14	14	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	9,256
Georgian	14	14	Amer.	Amer.-Hawaiian Line.	S. Francisco, Cal.	Boston, Mass.	General	5,700
Nordnes	15	15	Nor.	Canadian Gulf Line	Powell Riv., B. C.	Houston, Tex.	(19)	6,888
Alamar	15	15	Amer.	Calmar S. S. Corp.	Tacoma, Wash.	Philadelphia, Pa.	Lumber	8,207
San Jose	15	16	Fr.	French Line	Vancouver, B. C.	Havre, France	General	6,224
Marore	15	16	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,400
Omaha[12]	16	16	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....

[1] Tanker. [2] Motor ship. [5] Launch. [9] Destroyer. [12] Cruiser. [13] Supply ship. [14] For orders. [15] Asphalt, sulphur, general. [16] Oil, magnesite. [17] Canned pineapples, sugar. [18] Lumber, lead, zinc. [19] Paper, shingles.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Beloit[2]	16	17	Hond.	W. M. Eden	Amapala, Hond.	Pto.Castillo,Hon.	Salt	95
Hameln	16	16	Ger.	North German Lloyd.	Los Angeles, Cal.	Hamburg, Ger.	Borax	5,732
Istmo	16	17	Pan.	Elliot Ship.& Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	648
Tatsuha Maru	16	17	Jap.	Mitsubishi Shoji K.	Iloilo, P. I.	New York, N. Y.	Sugar	8,000
Maria Cristina[2]	16	16	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(15)	16
Knoxville City	17	17	Amer.	Isthmian S. S. Lines	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	7,587
Ino[2]	17	18	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	727
Baru[2]	17	18	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	134
Canadian Conqueror.	17	17	Brit.	Mont.-Aust.-N.Z.Line	Auckland, N. Z.	Montreal,Canada	General	3,549
Cali	17	19	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Gen., coffee	918
Pericles[1] [2]	17	17	Nor.	Kawasaki Kisen K.	LaLibertad,Ecua.	Donges, France	Crude oil	12,274
Martin Bakke[2]	17	17	Nor.	Knut Knutsen	N.Westm'er,B.C.	Belfast, Ireland	Lumber, gen.	7,171
Australind[2]	17	18	Brit.	Burns Philip	Apia, Samoa	London, England.	General	7,908
Yorkmar	18	18	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Baltimore, Md.	Copper, lum.	8,300
Republic[8]	17	20	Amer.	U. S. Army	Honolulu, T. H.	New York, N. Y.	Army gen.	1,119
Lafcomo	18	18	Amer.	Weyerhaeuser S.S.Co.	Tacoma, Wash.	Baltimore, Md.	Lumber	7,245
Point Clear	18	19	Amer.	Swayne & Hoyt	Seattle, Wash.	Panama City,Fla.	Lumber, gen.	6,699
Lebore	19	19	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Winona	18	19	Amer.	Weyerhaeuser S.S.Co.	S. Francisco, Cal.	Boston, Mass.	(16)	7,725
Rotterdam[1] [2]	19	19	Neth.	Standard Ship. Co.	Los Angeles, Cal.	Bowling,Scotland	Gasoline	11,364
Trekieve	19	19	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores[13]	Nitrates	7,570
S-33[7]	19	...	Amer.	U. S. Navy	San Diego, Calif.	Philadelphia, Pa.	.....	.....
Kirishima Maru[2]	19	20	Jap.	Kokusai K. Kaisha	Manila, P. I.	New York, N. Y.	General	7,363
Temple Moat	19	19	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Brooklyn, N. Y.	Lumber	6,500
Mallard[4]	19	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Herman Frasch	19	20	Amer.	Dutton Lumber Corp.	Everett, Wash.	New York, N. Y.	Lumber	5,400
Panaman	19	20	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,185
Hermonthis[2]	20	20	Ger.	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	5,735
Acajutla	20	26	Brit.	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	(17)	361
St. Mihiel[8]	18	21	Amer.	U. S. Army	Balboa, C. Z.	Brooklyn, N. Y.	.....	813
Orazio[2]	20	21	Ital.	Italian Line	Valparaiso, Chile.	Genoa, Italy	General	3,545
Lapwing[4]	20	20	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Santa Paula	20	21	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	2,888
William Luckenbach.	20	20	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,984
Beldagny	20	21	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Azores[14]	Nitrates	6,525
Sambu[2]	20	21	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	19
Real[2]	20	21	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	46
Charles Christenson.[1]	20	21	Amer.	Sudden & Christenson	Longview, Wash.	Baltimore, Md.	Lumber	7,400
Memphis City	21	21	Amer.	Isthmian S. S. Lines	Honolulu, T. H.	Baltimore, Md.	Sugar, pines.	7,753
S-42[7]	21	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Tonsbergfjord[2]	21	21	Nor.	West Coast Liue	Tocopilla, Chile	New Oreans, La.	Sodium sulp.	5,560
S-43[7]	21	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-46[7]	21	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Santa Lucia	20	22	Amer.	Grace Line	Talcahuano,Chile	New York, N. Y.	General	5,240
Knute Nelson[2]	21	21	Nor.	Fred Olsen & Co.	Iloilo, P. I.	East coast,U.S.A.	Sugar	8,900
Vermar	21	21	Amer.	Calmar S. S. Corp.	Portland, Oreg.	New York, N. Y.	Lumber	7,455
Trondanger[2]	21	21	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	Grain, gen.	8,179
Steelore	22	22	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Bushnell[13]	20	29	Amer.	U. S. Navy	San Diego, Calif.	Coco Solo, C. Z.	.....	.....
S-31[7]	19	...	Amer.	U. S. Navy	San Diego, Calif.	Philadelphia, Pa.	.....	.....
S-32[7]	19	...	Amer.	U. S. Navy	San Diego, Calif.	Philadelphia, Pa.	.....	.....
President Wilson	22	22	Amer.	Dollar Line	Manila, P. I.	New York, N. Y.	General	5,176
Marisa[1] [2]	21	22	Neth.	Shell Oil Co.	Los Angeles, Cal.	Lands End[14]	Gasoline	11,403
S-45[7]	22	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-44[7]	22	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Hokkai Maru[2]	21	23	Jap.	Osaka Shosen Kaisha	Manila, P. I.	New York, N. Y.	General	6,298
Tornus[1] [2]	21	22	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End[14]	Kerosene	11,083
Oklahoman	22	22	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Bridgeport,Conn.	General	6,096
Sessa	22	22	Dan.	Wessel, Duval & Co.	Corral, Chile	New York, N. Y.	General	2,705
Glorian[5]	22	...	Amer.	W. B. Boggs	Balboa, C. Z.	Colon, R. P.	Ballast	.....
Trontolite[1] [2]	22	23	Brit.	Imperial Oil Co.	Talara, Peru	Montreal,Canada	Gasoline	7,562
Calgarolite[1] [2]	22	23	Brit.	Imperial Oil Co.	Talara, Peru	Montreal,Canada	Crude oil	16,639
Borgestad[2]	22	23	Nor.	Canadian Transp. Co.	Vancouver, B. C.	London, England.	Lumber, gen.	5,500
Coloradan	23	23	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltmore, Md.	Lumber, gen.	8,109
Kamikawa Maru[2]	23	23	Jap.	Kawasaki K. Kaisha	Shanghai, China.	Baltimore, Md.	General	5,383
San Lucas	23	23	Amer.	States S. S. Co.	San Diego, Calif.	Baltimore, Md.	Gen., lumber	9,854
Luna[2]	23	23	Pan.	A.Tagaropulos	Darien, R. P.	Cristobal, C. Z.	(18)	16
Winslow[5]	23	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Clio[2]	24	25	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(19)	564
Nuevo Panama[2]	24	25	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	67
Cerigo	24	26	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,077
City of Dalhart[2]	24	25	Amer.	Roosevelt S. S. Co.	Hongkong, China	East coast,U.S.A.	Sugar, gen.	7,864
Istmo	24	26	Pan.	Elliot Ship.& Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	589
Deroche[1]	24	25	Amer.	Union Oil of Calif.	Los Angeles, Cal.	Paulsboro, N. J.	(20)	6,627

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [8] Transport. [13] Sub. tender. [14] For orders. [15] Plantains, lumber. [16] Lumber, pulp, and ore. [17] Coffee, bullion. [18] Lumber, plantains. [19] Cafe, tagua, and cacao. [20] Gasoline, kerosene.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Salawati[2]	24	24	Neth.	Pac.-Jav.-Bengal Line	Calcutta, India	New Orleans, La.	General	5,436
Sona[2]	23	25	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	11
Ganjo[5]	23	...	Amer.	J. T. Glancy	Miraflores, C. Z.	Balboa, C. Z.	Ballast	.....
Terje Viken[1]	24	25	Brit.	H. P. Drury	Los Angeles, Cal.	Havre, France	Crude oil	20,737
Snestad[2]	24	25	Nor.	Fern Line	Iloilo, P. I.	U. S. Atl. coast	Sugar	7,136
Tercero[2]	25	25	Nor.	Wessel, Duval & Co.	Antof'gasta,Chile	New York, N. Y.	(14)	7,580
Eleonora Maersk.[1] [2]	25	25	Dan.	Shell Oil Co.	Long Beach,Calif.	Curacao, N.W.I.	Kerosene distillate.	15,347
Tai Yin[2]	25	26	Nor.	Barber Line	Davao, P. I.	New York, N. Y.	General	6,668
Patricia	26	28	Ger.	Hamburg-Amer. Line.	Champ'ico, Guat.	Hamburg, Ger.	General	1,279
Walter A. Luckenbach.	26	26	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	7,512
Moveria[2]	26	26	Brit.	Donaldson Line	Vancouver, B. C.	Glasgow,Scotland	General	6,006
Oregonian	26	26	Amer.	Amer.-Hawaiian Line.	Los Angeles, Cal.	New York, N. Y.	Lumber, gen.	6,785
Sahale	26	26	Amer.	Weyerhaeuser S.S.Co.	Portland, Oreg.	Pt. Newark, N. J.	Lum., copper	6,700
Omah[2]	26	...	Amer.	Otis Barton	Balboa, C. Z.	Cristobal. C. Z.	Ballast	.....
Virginia	26	27	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	4,852
Taylor No. 94[9]	27	28	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Babbitt No. 128[9]	27	28	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Mayan	27	1	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	704
Aritz Mendi	26	27	Span.	Sota y Aznar	N. Westm'er,B.C.	Liverpool, Eng.	(15)	7,233
Merope[1]	26	27	Fr.	Raffineries de Berre	Talara, Peru	Berre, France	Crude oil	10,230
Daldorch	27	27	Brit.	Anglo-Can. S. S. Co.	Pt. Alberni, B.C.	Manchester, Eng.	(15)	8,050
Charleston[13]	27	28	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Sambu[2]	27	28	Pan.	Elliot Ship.& Land Co.	Bayano, R. P.	Cristobal, C. Z.	Bananas	10
Real[2]	27	28	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	21
Helder	27	28	Neth.	Royal Neth. S. S. Co.	Valparaiso, Chile.	Hamburg, Ger.	General	6,057
Stella Maris[2]	27	29	C. R.	United Fruit Co.	Puntarenas, C. R.	Nicaragua	Ballast	.....
Bodegraven	27	28	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	8,444
Santa Inez[2]	28	28	Amer.	Grace Line	Arica, Chile	New York, N. Y.	Gen., coffee	3,143
Fernhill[2]	28	28	Nor.	Fern Line	Manila, P. I.	New York, N. Y.	(16)	7,171
Sage Brush	28	28	Amer.	Shepard S. S. Co.	Seattle, Wash.	Albany, N. Y.	Lumber, gen.	7,642
Susan A. Moran	27	28	Amer.	Moran Towing Co.	Seattle, Wash.	New York, N. Y.	Ballast	.....
Californian[2]	28	28	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	9,771
Chateau Thierry[3]	25	29	Amer.	U. S. Army	Honolulu, T. H.	New York, N. Y.	Army stores.	1,053
Pennsylvania	28	29	Amer.	Weyerhaeuser S.S.Co.	Longview, Wash.	Newark, N. J.	Lum., pulp.	7,726
Chilore	30	30	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Emma Bakke[2]	29	30	Nor.	Knut Knutsen	Valparaiso, Chile.	Copenhagen,Den.	General	7,510
San Simeon	30	30	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,498
Ino[2]	30	31	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	534
Paul Luckenbach	30	30	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	6,749
Novasli	30	30	Nor.	N. Atl. & Gulf S. S. Co.	Topo'ampo, Mex.	Rotterdam, Neth.	Chick peas.	4,670
Telde	30	30	Hond.	United Fruit Co.	Pto. Arm'les,R.P.	Mobile, Ala.	Bananas	632
Reina del Pacifico[2]	30	31	Brit.	Pacific Steam Nav.Co.	SanAntonio,Chile	Liverpool, Eng.	Copper, gen.	6,925
Luna[2]	30	30	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(17)	34
Andrea F. Luckenbach.	30	31	Amer.	Luckenbach Line	Longview, Wash.	Providence, R. I.	Lumber	12,500
Point Lobos	31	31	Amer.	Swayne & Hoyt	Los Angeles, Cal.	New Orleans, La.	Lumber, gen.	6,490
Durazzo	31	3	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,295
Istmo	31	2	Pan.	Elliot Ship.& Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	653
Oakmar	31	31	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Baltimore, Md.	Copper, lum.	7,300
Florence Luckenbach.	31	1	Amer.	Luckenbach Line	Portland, Oreg.	New Orleans, La.	Lumber, gen.	2,768
Ohioan	1	1	Amer.	Amer.-Hawaiian Line.	Los Angeles, Cal.	Charleston, S. C.	Lumber, gen.	7,314
Iowan	1	1	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,223
Athos[1] [2]	1	1	Nor.	Trinidad Leaseholds	Los Angeles, Cal.	Coryton	Gasoline	11,350
George M. Embiricos.	1	1	Greek.	Canadian Transp. Co.	Pt. Alberni, B. C.	Hull, England	Lumber	7,880
Trois Ilets	1	2	Fr.	French Line, Cristobal	B'ventura, Col.	Cristobal, C. Z.	Coffee	335
American Oriole	1	2	Amer.	Puget Sound Ass.Mills	Tacoma, Wash.	Bridgeport,Conn.	Lumber	7,600
Kwanto Maru[2]	1	2	Jap.	Osaka Shosen Kaisha.	Manila, P. I.	Baltimore, Md.	General	5,771
West Camargo	2	2	Amer.	McCormick S. S. Co.	Balboa, C. Z.	Buenos Aires,Arg.	Ballast	.....
Point Arena	30	2	Amer.	Gulf Pacific Line	Portland, Oreg.	Pan'ma City, Fla.	Lumber, gen.	6,650
Trelyon	1	2	Brit.	Andrew Weir & Co.	Suva, Fiji Islands	England	Sugar	7,231
Oilreliance[1] [2]	1	2	Brit.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, N. W. I.	Kerosene	8,817
Herbjorn[1] [2]	2	2	Nor.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, N. W. I.	Gas oil	10,498
Washington[2]	2	3	Fr.	French Line	Vancouver, B. C.	Antwerp,Belgium	General	8,860
Santa Elena[2]	2	3	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	3,702
Havelland[2]	2	2	Ger.	Manila Shipping Co.	Cebu, P. I.	U. S. Atlantic pts.	Sugar	8,726
Csikos	2	3	Hung.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Avonmouth,Eng.	Lum., zinc	6,176
Baru[2]	3	4	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	44
Real[2]	3	4	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	25
Sambu[2]	3	4	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	13
Taylor No. 94[9]	3	3	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Babbitt No. 128[9]	3	3	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Winslow[5]	3	5	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Pacific Reliance[2]	3	4	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Manchester, Eng.	General	8,417
Salvador	4	9	Brit.	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	616

[1] Tanker. [2] Motor ship. [5] Launch. [8] Transport. [9] Destroyer. [13] Gunboat. [14] Ore, bran, beans. [15] Lumber, spelter. [16] Chrome ore, sugar. [17] Plantains, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Dinteldijk[2]	4	5	Neth.	Holland-Amer. Line	Victoria, B. C.	Rotterdam, Neth.	General	9,919
Brazos[1]	3	6	Amer.	U. S. Navy	Los Angeles, Cal.	Coco Solo, C. Z.	Gasoline	3,000
Valparaiso[2]	4	4	Swed.	Johnson Line	N. Westm'er, B.C.	Stockholm, Swed.	(14)	5,295
Santa Clara	4	4	Amer.	Grace Line	Talcahuano, Chile	New York, N. Y.	General	4,834
Grete Maersk[2]	3	5	Dan.	Isbrandtsen Moller	Manila, P. I.	Baltimore, Md.	General	7,178
Vestvard	4	4	Nor.	Lauritz Kloster	Saigon, China	Nuevitas, Cuba	Rice	7,200
Hollywood	4	4	Amer.	McCormick S. S. Co.	Portland, Oreg.	New York, N. Y.	Lumber, gen.	7,320
Cathwood[1]	3	4	Amer.	Union Oil Co. of Calif.	Pt. San Luis, Cal.	Philadelphia, Pa.	Crude oil	9,016
Rotorua	4	5	Brit.	N. Z. Shipping Co.	Wellington N. Z.	London, England.	Frozen, gen.	4,974
Awobasan Maru[2]	5	5	Jap.	Mitsui Bussan Kaisha	Manila, P. I.	New York, N. Y.	General	8,164
Virginian	5	5	Amer.	Amer.-Hawaiian Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	9,687
Commissaire Ramel.	5	6	Fr.	Messageries Marit'es.	Noumea, N.Caled	Marseilles, Fr.	General	6,078
Nagara Maru[2]	5	5	Jap.	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md.	General	4,826
Glittre[1]	5	5	Nor.	Shell Oil Co.	Los Angeles, Cal.	Curacao, N. W. I.	(15)	9,220
Julia Luckenbach.	5	5	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	5,786
Losmar	5	5	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Baltimore, Md.	Lumber	7,758
Svealand[2]	5	6	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,300
Indien[2]	4	8	Nor.	Italia Line	Vancouver, B. C.	Trieste, Italy	Lumber, gen.	5,722
Hakonesan Maru[2]	5	6	Jap.	Osaka Shosen Kaisha.	Kobe, Japan	Buenos Aires, Arg.	General	4,338
Edgar F. Luckenbach.	6	6	Amer.	Luckenbach-Gulf Co.	Portland, Oreg.	Mobile, Ala.	General	5,081
KatrineMaersk[1 2]	6	6	Dan.	Shell Oil Co.	Los Angeles, Cal.	Curacao, N. W. I.	Gas oil	8,128
San Benito	6	6	Pan.	United Fruit Co.	Pto. Arm'les, R.P.	Mobile, Ala.	Bananas	895
Cali	6	8	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,219
San Vincente	6	6	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,560
Jersey City	6	6	Brit.	Anglo-Can. S. S. Co.	Victoria, B. C.	London, England.	(16)	4,050
Clio[2]	6	7	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	548
Weser[2]	6	8	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	6,799
Brilliant[1 2]	6	6	Amer.	Socony Vac. Oil Co.	Los Angeles, Cal.	Providence, R. I.	Gasoline	13,050
Franz Klasen[1 2]	6	7	Pan.	W. Tankschiff Rhed'i.	Talara, Peru	Rotterdam, Neth.	Mineral oil	16,884
Robert F. Hand[1]	6	7	Brit.	Standard Oil Co.	El Segundo, Cal.	Hull, England	Gasoline	16,180
Point Vincente	7	7	Amer.	Gulf Pacific Line	Los Angeles, Cal.	New Orleans, La.	(17)	4,910
Nuevo Panama[2]	7	8	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	54
Pacific	7	7	Amer.	Weyerhaeuser S. S. Co.	Tacoma, Wash.	Boston, Mass.	Lum., pulp.	8,199
Istmo	7	9	Pan.	Elliot Ship.& Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	653
Fernwood[2]	7	8	Nor.	Fern Line	Sabang, P. I.	Baltimore, Md.	Ore, lumber	7,820
Trois Ilets	7	9	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee, wax	337
Luna[2]	7	10	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(18)	21
Tuira[2]	7	8	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	55
Sona[2]	7	8	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	22
Nellie	7	8	Greek.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Alexandria, Egypt	Nitrates	8,325
Waziristan	7	8	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Hull, England	Lumber	6,612
Texas Sun[1 2]	8	8	Amer.	Sun Oil Co.	Los Angeles, Cal.	Chester, Pa.	Gasoline	14,864
Marian Otis Chandler.	8	8	Amer.	Matson Nav. Co.	Honolulu, T. H.	Hatteras[13]	Raw sugar	7,650
Elisabeth Bakke[2]	8	8	Nor.	Scand.-So. Pac. Line.	SanAntonio, Chile	Lands End[13]	General	7,761
Alabaman	8	8	Amer.	Amer.-Hawaiian Line.	Los Angeles, Cal.	Baltimore, Md.	General	8,219
Alaskan	8	8	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,120
Dilworth[1]	8	8	Amer.	Shell Oil Co.	Los Angeles, Cal.	Sewaren, N. J.	Gasoline	9,167
Scottish Borderer.[1 2]	26	10	Brit.	Standard Oil of N. J.	Talara, Peru	Montreal, Canada	Crude oil	9,818
Oregon	8	8	Amer.	Tabacalera	Iloilo, P. I.	U. S. N. Atl. pts.	Sugar	8,200
President de Vogue.[1 2]	8	8	Nor.	Cia. des Produits Chimiques.	Talara, Peru	Port de Bouc, Fr.	Crude oil	13,742
Chincha	8	10	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	(19)	4,654
Seattle[2]	9	10	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	Copper, gen.	7,261
Segundo[2]	8	9	Nor.	Continental Grain Co.	San Carlos, P. I.	U. S. Atl. ports	Sugar	7,430
Nurnberg[2]	9	9	Ger.	North German Lloyd.	Valparaiso, Chile.	Antwerp, Belgium	General	6,882
Yarraville[1]	9	9	Brit.	Socony Vac. Oil Co.	Los Angeles, Cal.	Curacao, N. W. I.	Crude oil	12,349
Santa Rita[2]	9	9	Amer.	Grace Line	Ant'fagasta, Chile	New York, N. Y.	General	3,144
Ino[2]	9	10	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	553
California	9	10	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	5,181
Amerikaland[2]	9	10	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,300
Canadian Highlander.	9	10	Brit.	Ellerman & Bucknall.	Adelaide, Aust'lia	Montreal, Canada	Wool, gen.	2,199
Pereira	10	...	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	610
Absaroka	10	10	Amer.	McCormick S. S. Co.	Seattle, Wash.	Baltimore, Md.	Lumber	7,100
Real[2]	10	11	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	29

[1] Tanker. [2] Motor ship. [13] For orders. [14] Wheat, fruit, general. [15] Kerosene distillate. [16] Spelter, lumber. [17] Sugar, lumber, general. [18] Lumber, plantains. [19] Copper, ore, cotton.

Record Low Death Rate for Canal Zone During Calendar Year 1936

The death rate from all causes in the calendar year 1936 for the population residing in the Canal Zone was 5.62 per 1,000 population, as compared with 5.89 for 1935, and is the lowest on record. For Panama City the rate was 14.44 per 1,000 population, and for Colon the rate was 14.60 per 1,000 population.

Method of Propulsion of Ships Transiting the Panama Canal

The following table shows the method of propulsion of the ocean-going commercial vessels which transited the Canal in the fiscal year 1937:

	Number of ships	Panama Canal net tonnage
Motor vessels	2,115	11,571,034
Steam vessels:		
Oil burners	2,236	11,894,656
Coal burners	997	4,010,394
Total cargo-carrying vessels	5,348	27,476,084
Noncargo-carrying vessels	39	15,538
Total	5,387	27,491,622

Largest Cargo of Lumber Transits Canal in July

The largest cargo of lumber ever to transit the Panama Canal passed through northbound on Saturday, July 31, aboard the S. S. *Andrea F. Luckenbach*, of the Luckenbach Line, consisting of a total of 8,836,000 board feet. The previous record lumber cargo transiting on any one vessel was that of the S. S. *Lewis Luckenbach*, which went through April 29, 1925, with approximately 8,042,700 board feet.

United States Government Vessels Transiting Canal During Fiscal Year 1937

Vessels of the United States Government are passed through the Panama Canal without payment of tolls. For the 10 fiscal years, 1928 to 1937 inclusive, 4,896 United States Government vessels passed through the Canal without the payment of tolls. For the greater part these were United States naval vessels. Had tolls been collected from them, at rates corresponding with those charged against other ships using the Canal, the revenues received by the Canal from tolls would have been increased by approximately $950,000 per year.

The following tabulation shows the number of United States Government vessels transiting the Canal from 1928 to 1937 inclusive, and the probable amount of additional revenue which would have been received from these vessels had tolls been paid on the basis of prevailing rates:

Fiscal year	No. of transits	Tolls	Fiscal year	No. of transits	Tolls
1928	450	$889,351	1934	484	$1,065,723
1929	553	1,031,272	1935	527	1,118,340
1930	545	1,134,545	1936	426	782,941
1931	544	1,157,853	1937	475	704,412
1932	458	899,851			
1933	434	747,930	Total	4,896	9,532,218

Census of Civil Population of Canal Zone

The annual census of the civil population of the Canal Zone taken by the Police and Fire Division during the month of June 1937, resulted in a count of 28,707 as the total number of civilian inhabitants. This was a decrease of 491 from the population in June 1936.

The population as of June 1937, was distributed as follows:

	Americans					All Others					Total
	Men		Women		Children	Men		Women		Children	
	Total	Employees	Total	Employees		Total	Employees	Total	Employees		
Balboa	.....	1,803	.....	359	.....	.....	2,268	.....	61	.....	[1] 4,491
District	2,157	.....	2,369	.....	1,972	3,614	.....	2,547	.....	3,478	[2] 16,137
Cristobal	.....	335	.....	19	.....	.....	2,475	.....	20	.....	[3] 3,049
District	585	.....	769	.....	824	3,413	.....	2,167	.....	4,668	[4] 12,426
Prisoners	9	.....	.....	.....	.....	125	.....	1	.....	9	[5] 144
Total employees	.....	2,338	.....	378	.....	.....	4,743	.....	81	.....	[6] 7,540
Total inhabitants	2,751	.....	3,138	.....	2,796	7,152	.....	4,715	.....	8,155	[7] 28,707

[1] Employees; decrease of 194 since 1936. [2] Inhabitants; decrease of 1,446 since 1936. [3] Employees; increase of 419 since 1936. [4] Inhabitants; increase of 917 since 1936. [5] Increase of 46 since 1936. [6] Employees; increase of 225 since 1936 [7] Inhabitants; decrease of 491 since 1936.

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from tanks of The Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $1.25 per barrel at Cristobal and Balboa; Diesel oil, $1.80 per barrel at Cristobal and Balboa.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repairs of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as ice, meats (including native beef), fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices. A modern laundry service is also available. Orders may be placed in advance by radio for prompt delivery on arrival at either terminal, or for delivery at the other terminal after transiting the Canal.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large, covered piers for the storage of cargo. These are modern structures: fireproof, rat proof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices, including the 20 percent surcharge, to individuals and companies, as of August 17, 1937:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.13
Brass, sheet, average	Lb.	.28
Bronze, Tobin, average	Lb.	.22
Gasoline, motor grade	Gal.	.105
Metal, yellow	Lb.	.26
Oakum, Navy, spun	Lb.	.20
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.28
Oil, burning, Colza	Gal.	1.14
Oil, engine, gas, light, in drums, No. 2135	Gal.	.24
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.29
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.24
Oil, kerosene, in drums	Gal.	.10
Oil, marine engine	Gal.	.38
Paint, lead, white, dry	Lb.	.11
Paint, lead, white, in oil	Lb.	.12
Paint, zinc oxide, dry	Lb.	.08
Paint, zinc oxide, in oil	Lb.	.11
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, No. 3, medium	Lb.	.06
Grease, yellow, cup, No. 5, hard	Lb.	.07
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.12
Waste, cotton, white	Lb.	.13

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES.

OILS, FORCE FEED AND MOTOR CYLINDER.

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motorcycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS.

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventive and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steam shovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Provisions Required by Ships

The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, tobacco, etc., which are sold to ships at reasonable prices. Beef especially is available at low prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery or for delivery at the other terminal after transit.

Location of Patients and Visiting Hours at Gorgas Hospital

The following table shows the distribution of patients in the Gorgas Hospital buildings and the visiting hours for the various wards and sections:

Section and Ward.	Visiting Hours.
Section "A:"	
Ward 2	Wards: Tuesdays, Thursdays, and Saturdays, 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m. Sundays and holidays, 9.30 to 11.30 a. m.; 2.00 to 4.00 p. m. Private rooms: Same as Section "B."
Ward 3	
Ward 4, Private rooms	
Section "B:"	
Ward 5, Male, private rooms, American boys	Daily, 9.30 to 11.00 a. m.; 2.00 to 4.30 p. m.; 6.30 to 8.00 p. m.
Ward 6, Foreign, male and female, private rooms, American girls	
Ward 7, White females, private rooms	
Ward 8, Obstetrical department, white females	
Nursery	No visitors permitted in nursery.
Section "C:"	
Ward 9, Colored, male	Colored wards: Wednesdays, Fridays, Sundays, and holidays, 1.00 to 2.30 p. m. Visitors from Atlantic Side may remain until 3.00 p. m.
Ward 10, White foreign, male	
Ward 11, Colored, male (surgical)	
Ward 12, Colored, male (medical)	
Ward 13, Colored, male, G. U	
Ward 14, White, male, G. U	Tuesdays, Thursdays, Saturdays, 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m. Sundays and holidays, 9.30 to 11.00 a. m.; 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m.
Section "D:"	
Ward 15, American, male (surgical)	Tuesdays, Thursdays, Saturdays, 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m. Sundays and holidays, 9.30 to 11.00 a. m.; 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m.
Ward 16, American, male (medical)	
Ward 17, Colored children	Wednesdays, Fridays, Sundays, and holidays, 1.30 to 3.00 p. m.
Ward 18, White children	Daily, 9. 30 to 11.00 a. m.; 2.00 to 4.30 p. m.
Ward 19, Colored, female (medical)	Wednesdays, Fridays, Sundays and holidays, 1.00 to 2.30 p. m. Visitors from Atlantic Side may remain until 3.00 p. m.
Ward 20, Colored, female, surgical, obstetrical	
Isolation section	No visitors permitted except adults to visit tuberculosis patients, Thursdays, Sundays and holidays, 1.30 to 3.00 p. m.

Permission to visit outside of visiting hours may be granted upon application to the Superintendent's office.

Immediate relatives of seriously ill patients will be admitted at any time by and in the discretion of the attending physician, section nurse, and in her absence, the nurse in charge.

Density of Water in Balboa and Cristobal Harbors

Place.	Weight of sea water in ounces per cubic ft.			Rainy season. Average temperature. Degrees F.
	Average.	Maximum.	Minimum.	
Cristobal (between docks 8 and 9)	1018	1020	1013	84.0
Balboa (dock 18)	1011	1021	1005	83.0

(Note.—The above is based on two months' observations at Cristobal and Balboa. Average taken at 12-foot depth. Minimum occurred after heavy rain at 3-foot depth at Cristobal and 12-foot depth at Balboa. The weight of a cubic foot of fresh water at 85° F. is 995 ounces.

Hours of Departure of Passenger Trains

Following are the hours of departure of the regular passenger trains of the Panama Railroad running between the Atlantic and the Pacific sides:

From Colon: Daily, 7:25 a. m.; 11 a. m.; 4:55 p. m.; 10 p. m.

From Panama: Daily, 7:10 a. m.; 1:10 p. m.; 5 p. m.; 7:55 p. m.

The time required for passage from one terminal to the other is 1 hour and 25 minutes.

Binders for The Panama Canal Record

Cardboard covers, punched and fitted with brass fasteners forming binders for The Panama Canal Record are offered for sale at 25 cents a set, for the benefit of those who wish to keep a file of the issues for ready reference. Orders may be addressed to The Panama Canal, Balboa Heights, Canal Zone, or The Panama Canal, Washington, D. C.

THE PANAMA CANAL RECORD

OFFICIAL PUBLICATION OF THE PANAMA CANAL

PUBLISHED MONTHLY

Subscription rates, domestic, $0.50 per year; foreign, $1.00; address
The Panama Canal Record, Balboa Heights, Canal Zone,
or, for United States and foreign distribution,
The Panama Canal, Washington, D. C.
Entered as second-class matter February 6, 1918, at the Post Office
at Cristobal, C. Z., under the Act of March 3, 1879.

Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Volume XXXI Balboa Heights, C. Z., September 15, 1937 No. 2

Traffic Through the Panama Canal in August 1937

The total vessels of all kinds transiting the Panama Canal during the month of August 1937, and for the same month in the two preceding years, are shown in the following tabulation:

	August 1935	August 1936	August 1937		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	377	473	273	232	505
Local commercial vessels [1]	52	57	38	32	70
Noncommercial vessels:					
United States Government	26	32	23	11	34
Colombian Government	2	2	.....	1	1
For repairs	2	1	.....	1	1
Total	459	566	334	277	611

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month for the 12 months ended August 31, 1937, as compared with the same period in the previous year:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7
September	391	466	2,095,599	2,428,317	1,994,487	2,526,366	$1,780,805.80	$2,045,440.82
October	441	482	2,357,640	2,499,678	2,228,536	2,463,069	1,964,076.81	2,081,758.23
November	418	368	2,165,559	1,768,738	2,050,422	1,747,368	1,796,820.57	1,488,054.25
December	459	341	2,382,602	1,655,501	2,187,731	1,538,503	1,997,206.74	1,366,388.58
January	472	399	2,411,073	1,915,787	2,148,935	1,855,937	2,018,543.52	1,598,323.51
February	452	377	2,322,013	1,940,611	2,155,031	1,839,788	1,952,682.73	1,602,306.30
March	526	536	2,714,768	2,770,451	2,634,150	3,016,418	2,293,874.51	2,355,149.04
April	482	473	2,483,561	2,460,549	2,430,134	2,652,880	2,079,730.70	2,067,026.68
May	488	544	2,504,215	2,839,127	2,419,652	2,950,925	2,081,103.73	2,376,706.36
June	481	472	2,449,127	2,450,018	2,459,752	2,670,466	2,073,359.39	2,070,337.89
July	456	457	2,364,539	2,395,306	2,450,324	2,476,366	1,999,105.18	2,029,642.45
August	473	505	2,398,306	2,597,119	2,396,331	2,780,603	2,051,540.28	2,195,308.87
Total	5,539	5,420	28,649,002	27,721,202	27,555,485	28,518,689	24,088,849.96	23,276,442.98

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Nationality of Vessels [3] for August 1937

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	101	569,093	576,533	Netherlands	17	51,894	59,785
Danish	22	98,933	107,723	Norwegian	59	314,279	308,427
Estonian	1	2,337	4,695	Panamanian	21	45,164	60,929
French	10	61,662	59,833	Swedish	11	47,770	77,765
German	30	122,066	144,754	United States	174	987,579	1,040,664
Greek	17	75,867	117,356	Venezuelan	2	2,162	1,953
Honduran	3	4,845	679	Yugoslav	2	8,397	.....
Hungarian	2	7,964	11,176				
Italian	6	36,001	19,573	Total	505	2,597,119	2,780,603
Japanese	27	161,106	188,758				

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Trade Routes, August 1937

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route.

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	64	361,519	267,417	60	357,133	447,730
East coast United States and:						
Canada	5	23,062	2,570	1	4,910	5,926
Central America	5	9,984	.....	4	8,279	2,902
South America	18	79,221	27,401	14	65,329	169,130
Hawaiian Islands	3	14,733	8,913	8	41,410	61,426
Australasia	5	32,000	31,535	.....	.....	.....
Philippine Islands	10	62,883	62,919	15	91,326	111,971
Far East	47	233,494	363,163	6	37,178	38,532
East coast Canada and:						
United States	1	4,019	7,889	.....	.....	.....
South America	3	14,612	2,040	2	11,680	25,444
Australasia	3	18,768	14,222	5	23,849	32,145
Philippine Islands	1	6,793	8,202	.....	.....	.....
Far East	3	19,838	22,533	.....	.....	.....
South American intercoastal	4	12,757	23,477	.....	.....	.....
East coast South America and:						
United States	2	9,901	15,282	.....	.....	.....
Canada	2	9,811	12,510	.....	.....	.....
Far East	1	5,821	3,648	1	5,073	4,338
Cristobal and:						
United States	1	5,761	.....	1	5,761	11,509
Central America	5	5,276	4,513	5	4,462	3,209
South America	14	7,800	3,217	13	7,364	9,782
West Indies and:						
United States	7	35,796	.....	10	53,718	106,972
Canada	1	3,651	6,531	.....	.....	.....
South America	1	6,405	.....	1	4,716	8,803
Balboa	3	10,977	22,037	1	1,081	.....
Far East	.....	.....	.....	1	4,343	7,200
Europe and:						
United States	14	75,383	5,117	6	37,488	60,421
Canada	17	108,796	39,341	36	196,788	252,892
Central America	1	3,070	3,012	.....	.....	.....
South America	23	129,680	55,976	30	175,158	282,494
Australasia	7	60,200	40,643	7	47,320	46,258
Far East	.....	.....	.....	1	5,792	6,399
Egypt and South America	.....	.....	.....	2	8,776	15,925
Asia and United States	.....	.....	.....	1	2,487	463
Around the world	2	17,650	8,482	1	6,037	6,142
Total	273	1,389,661	1,062,590	232	1,207,458	1,718,013

Origin and Destination of Cargo by Major Areas, August 1937

The following table summarizes the origin of cargo passing through the Canal in August 1937, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	276,304	18,864	436,932	26,888	21,484	780,472
Other North America	10,676	29,378	14,372	11,455	24,286	90,167
Europe	34,029	11,628	2	49,073	40,630	135,362
Miscellaneous	27,273	3,299	3,410	22,607	.....	56,589
Total	348,282	63,169	454,716	110,023	86,400	1,062,590

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	433,150	134,756	164,799	5,024	737,729
Canada	5,926	2,438	144,335	674	153,373
Other North America	65,298	4,661	353	.....	70,312
South America	164,401	51,225	279,992	15,960	511,578
Australasia	12,563	19,590	46,250	.....	78,403
Asia	144,927	10,849	6,399	4,443	166,618
Total	826,265	223,519	642,128	26,101	1,718,013

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during August 1937 or August 1936 are listed below:

Commodity	August		Commodity	August	
	1936	1937		1936	1937
Atlantic to Pacific	*Long tons*	*Long tons*	*Pacific to Atlantic*—Continued	*Long tons*	*Long tons*
Ammonium compounds	4,486	14,710			
Asphalt and tar	7,065	11,313	Beans, edible, dry	8,699	11,256
Automobiles and parts	16,592	26,877	Borax	7,248	11,168
Canned goods, various	10,758	13,166	Canned goods, various	100,740	96,004
Cement	7,257	10,366	Coffee	9,888	12,036
Coal and coke	4,714	17,618	Cold storage (food products) [4]	18,387	11,382
Corn	1,500	21,462	Copra	21,382	15,705
Iron and steel	156,800	249,215	Cotton, raw	9,798	13,374
Machinery	10,667	12,974	Flour	29,685	14,535
Manufactured goods	6,860	15,180	Fruit, dried	25,893	16,566
Metals, various	18,760	76,480	Fruit, fresh [5]	13,476	10,868
Oils, mineral	78,063	64,656	Lumber	241,224	306,738
Ores	18,191	14,256	Metals, various	51,059	67,245
Paper	38,630	36,883	Nitrates	57,594	75,885
Phosphates	14,615	27,843	Oils, mineral	376,100	409,944
Scrap metal	139,747	169,690	Oils, vegetable	18,802	19,556
Sulphur	19,214	35,232	Ores	189,036	202,437
Tinplate	13,348	16,761	Paper	13,364	15,748
Wood pulp	7,912	16,318	Phosphates	.....	14,258
			Rice	10,275	10,406
Pacific to Atlantic			Sugar	123,012	164,031
Asphalt and tar	9,706	11,186	Wheat	111,113	2,943
Barley	17,242	33,252	Wood pulp	16,419	32,121

[4] Does not include fresh fruit. [5] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of August 1937, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo"; the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	.....	22
Agricultural implements	1,191	200	4,477	260
Alfalfa meal	.....	492	.....	492
Ammonium compounds	70	175	14,710	175
Animal foods [6]	13	89	13	239
Apparel, wearing (hats, shoes, clothing, etc.)	225	.....	225	2

[6] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Asbestos	1,174	50	7,223	50
Asphalt and tar	426	10,886	11,313	11,186
Automobiles (and autotrucks)	3,846	75	17,812	88
Automobile parts and accessories	656	349	9,065	358
Bags and bagging, textile	124	178	442	281
Bamboo and products	.....	.....	.....	433
Bananas	.....	.....	.....	4,063
Barks, miscellaneous	.....	50	55	1,250
Barley	67	.....	153	33,252
Beans, edible, dry	101	3,018	101	11,256
Beer	.....	.....	48	.....
Beverages, nonalcoholic	27	.....	27	.....
Bones and bone meal	.....	12	1,213	159
Books and printed matter	14	.....	14	.....
Borax	.....	414	.....	11,168
Bran and pollards	.....	.....	.....	1,232
Bricks and tile	544	28	944	28
Canned and preserved goods:				
Fish	479	12,996	823	16,154
Fruit	702	22,278	809	62,663
Meat	94	458	1,698	536
Milk	.....	20	358	152
Soup	3,762	108	3,815	108
Vegetables	1,439	6,255	1,456	6,432
Miscellaneous and unclassified	3,953	9,193	4,207	9,959
Carbon black	41	.....	908	.....
Celite	.....	1,428	25	1,428
Cement	621	93	10,366	93
Chalk	.....	.....	443	.....
Charcoal	57	.....	256	.....
Chemicals [6]	4,966	3,113	9,310	4,145
Clay, china and fire	253	265	543	356
Clay, filtering	531	121	581	319
Coal	1,631	.....	5,994	.....
Cocoa and cacao beans	153	.....	1,089	2,017
Coconuts and products [6]	.....	1,061	7	1,559
Coffee	38	128	4,652	12,036
Coke	.....	30	11,624	30
Cold storage and refrigerated products:				
Dairy products	157	97	396	4,128
Eggs	47	45	47	531
Fish	38	109	45	917
Lard	320	15	451	70
Meats	71	.....	247	5,255
Poultry	18	215	18	314
Vegetables	.....	143	.....	150
Other and unclassified	4	7	24	17
Confectionery	860	20	896	20
Copra	.....	.....	559	15,604
Copra meal and cake	.....	.....	5	101
Corn	.....	22	21,462	23
Cotton, raw	73	53	4,267	13,374
Creosote	.....	.....	41	.....
Drugs and medicines	1,200	208	1,430	211
Dyes	.....	.....	210	17
Earthenware	85	.....	212	318
Eggs, dried	.....	.....	.....	526
Electrical apparatus and appliances	2,415	95	2,999	95
Enamelware and metalware	67	10	214	466
Explosives	.....	.....	400	.....
Extract, quebracho	.....	.....	804	.....
Fertilizers [6]	94	22	5,141	94
Fish meal	.....	418	10	2,354
Floor coverings	1,575	1,260	1,692	1,515
Flour	199	12,058	942	14,535
Fruit, dried	125	7,097	187	16,566
Fruit, fresh [6]	160	5,829	160	10,868
Furniture and household goods	312	9	322	24
General	17,274	5,243	55,159	19,254
Glass and glassware	3,018	867	7,092	2,091
Glue	22	103	31	103
Grains [6]	.....	.....	75	102
Groceries	778	84	1,099	485
Gums	.....	24	.....	259
Hair, all kinds	30	101	57	335
Hay	.....	168	15	168
Hemp, unmanufactured	14	.....	37	947
Honey	.....	261	.....	472
Horns and hoofs	.....	.....	122	2
Infusorial earth	36	755	56	1,258

[6] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	108,949	767	249,215	2,575
Ivory nuts	.....	.....	714	3,381
Jute, unmanufactured	134	.....	822	142
Lard substitute	479	.....	543	69
Lime	13	.....	13	.....
Liquors	2,939	329	4,640	341
Lumber (including manufactured mill products)	2,842	155,570	3,977	306,738
Machinery	3,661	960	12,974	1,180
Malt	.....	.....	1,293	60
Manufactured goods [6]	8,648	1,570	15,180	3,748
Marble and granite	75	.....	291	.....
Matches	95	.....	135	.....
Metals:				
Antimony	27	.....	27	.....
Copper	24	1,986	5,971	42,504
Gold and silver	.....	.....	.....	10
Iron	5,204	.....	66,407	.....
Lead	320	1,650	331	15,104
Tin	129	161	2,475	582
Zinc	18	22	254	8,147
Other and unclassified	212	27	1,015	898
Milk, powdered	.....	284	.....	284
Molasses and syrups	267	.....	334	741
Nitrates	6,877	.....	9,718	75,885
Nuts, edible (including meats)	.....	115	758	584
Oats	.....	290	33	4,185
Oils, mineral:				
Crude	127	9,016	205	135,161
Diesel and fuel	2	36	41,750	93,630
Gasoline, benzine, and naphtha	.....	69,259	2,695	139,082
Kerosene	44	9,178	302	41,247
Lubricating and greases	8,737	335	19,606	824
Other and unclassified	23	.....	98	.....
Oils, vegetable:				
Coconut	.....	453	936	7,642
Cottonseed	528	.....	1,195	266
Linseed	23	.....	63	.....
Olive	5	.....	320	.....
Peanut oil	.....	.....	.....	643
Rapeseed	.....	.....	.....	302
Teaseed oil	.....	.....	.....	63
Wood	.....	.....	.....	6,156
Other and unclassified	406	3	1,511	4,484
Oil, fish	.....	165	93	1,231
Oil, whale	.....	917	.....	1,244
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	16	1	3,635
Oilseed cake and meal	25	23	25	6,242
Ores:				
Antimony	.....	.....	.....	634
Chrome	.....	.....	.....	9,853
Copper	.....	.....	.....	6,513
Gold and silver	.....	.....	.....	1,180
Iron	.....	.....	6,316	148,354
Lead	.....	.....	.....	8,801
Magnesite	.....	1,581	.....	1,721
Manganese	1	930	1,030	1,691
Tin	.....	.....	188	4,266
Zinc	67	.....	6,600	17,972
Other and unclassified	17	178	122	1,452
Paints and varnishes	1,258	138	3,302	204
Paper and paper products [6]	14,809	8,600	36,883	15,748
Peanuts	112	.....	112	.....
Peas, dry	.....	339	.....	957
Peatmoss	12	.....	1,343	.....
Phosphates	411	858	27,843	14,258
Plaster	20	.....	271	.....
Porcelainware	424	290	927	8,105
Potash	.....	4,919	5,745	4,919
Pyrethrum flowers	.....	.....	.....	139
Rags and waste	120	474	733	1,345
Railroad material	635	.....	2,996	.....
Rice	97	451	241	10,406
Rope and twine	224	75	437	168
Rosin	1,610	.....	5,751	.....
Rubber:				
Manufactured	1,206	285	1,522	449
Raw	58	.....	82	5,033
Scrap	.....	.....	248	96
Salt	137	189	8,329	4,085

[6] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Sand	2,176	.....	4,430	282
Scrap metal	365	287	169,690	2,488
Seeds (except oilseeds)	.....	624	513	761
Shells, all kinds	70	19	270	369
Silk, raw	.....	171	5	2,631
Skins and hides	73	1,552	440	5,893
Slag	.....	.....	327	.....
Slate	1,682	.....	1,682	.....
Soaps and products	2,640	11	2,847	115
Soda and sodium compounds:				
Soda ash	3,939	.....	5,209	897
Soda, caustic	183	.....	2,385	.....
Miscellaneous and unclassified	176	20	429	159
Soy beans	39	.....	39	.....
Sugar	45	19,398	170	164,031
Sulphur	29,126	.....	35,232	803
Talc	.....	54	.....	54
Tallow	.....	207	292	1,302
Tea	17	6	161	1,601
Textiles [7]	4,721	61	9,910	5,706
Tinplate	1,537	.....	16,761	335
Tobacco and manufactures	480	7	2,550	190
Toilet preparations	118	6	177	76
Turpentine	129	.....	157	.....
Vegetables, dry [6]	.....	26	33	422
Wall board	90	.....	290	1,050
Wax, paraffin	139	.....	771	39
Wheat	30	74	116	2,943
Wines	109	1,161	580	2,107
Wood pulp	37	25,453	16,318	32,121
Wool	142	2,673	142	6,729
Total, August 1937	276,304	433,150	1,062,590	1,718,013
Total, August 1936	277,091	475,033	770,943	1,625,388
Total, August 1935	216,867	388,792	672,957	1,346,341

[6] Except as otherwise classified. [7] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of August 1937, according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	7	42,253	.....	9	52,837	[8] 98,284
East coast United States and Hawaiian Islands	1	4,412	.....	.....	.....	.....
East coast Canada and South America	2	11,208	.....	2	11,680	25,444
South American intercoastal	2	10,975	21,314	.....	.....	.....
Cristobal and United States	1	5,761	.....	1	5,761	11,509
West Indies and:						
United States	6	30,603	.....	10	53,718	106,972
South America	1	6,405	.....	1	4,716	8,803
Balboa	3	10,977	22,037	1	1,081	.....
Europe and:						
United States	8	48,371	.....	3	18,559	[9] 37,001
South America	5	29,783	.....	8	55,164	113,458
Total	36	200,748	43,351	35	203,516	401,471

[8] Includes 10,860 tons petrolastic asphalt. [9] In addition to this amount, 17,500 tons of crude oil were shipped over this route in a whaler.

Comparison of Canal Traffic in August 1937, with August Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of August			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	148	[10] 492	571	1915	[11] 100	361	466
1916	131	443	506	1916	60	199	258
1917	161	510	578	1917	145	483	588
1918	152	451	534	1918	165	547	627
1919	183	586	716	1919	162	510	576
1920	238	948	1,040	1920	199	712	781
1921	230	965	839	1921	232	950	966
1922	250	1,084	1,166	1922	222	951	907
1923	445	2,232	2,168	1923	325	1,550	1,631
1924	369	1,902	1,958	1924	429	2,179	2,249
1925	364	1,779	1,912	1925	382	1,904	1,996
1926	450	2,230	2,320	1926	424	2,064	2,169
1927	525	2,512	2,429	1927	441	2,184	2,311
1928	510	2,435	2,424	1928	521	2,453	2,468
1929	519	2,556	2,680	1929	524	2,485	2,554
1930	455	2,344	2,147	1930	502	2,497	2,502
1931	377	1,997	1,788	1931	447	2,314	2,089
1932	298	1,657	1,348	1932	364	1,968	1,650
1933	393	2,159	1,913	1933	347	1,900	1,513
1934	401	2,245	2,188	1934	436	2,379	2,059
1935	395	2,102	2,019	1935	432	2,317	2,109
1936	473	2,398	2,396	1936	449	2,335	2,209
1937	505	2,597	2,781	1937	449	2,291	2,342
				[12]	470	2,421	2,531

[10] Canal opened August 15, 1914. [11] Average for 10½ months. [12] Average 8 months of calendar year 1937.

Terminal Activities

Ships repaired during the month of August 1937 numbered 62; of this number 5 were drydocked. Fuel oil in the quantity of 240,487 barrels was delivered as bunkers to 111 commercial ships. Bunker coal amounting to 9,609 tons was delivered to 31 commercial ships. Sales of commissary supplies to ships aggregated $45,735.88.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ... tons	20,315	14,073	34,388
Local cargo shipped ... tons	3,178	3,574	6,752
Cargo received for transshipment ... tons	46,155	799	46,954
Cargo transshipped ... tons	49,346	781	50,127
"Canal Zone for Orders" cargo:			
Number of receipts issued	9	1	10
Number of releases issued	34	9	43
Tons received	40	9	49
Tons withdrawn	70	4	74

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	569	3,465,197	2,059,285	540	3,241,249	1,935,769
Vessels entering port but not transiting Canal	54	294,537	167,197	9	49,669	25,080
Vessels transiting Canal and handling passengers and cargo at terminal ports	161	994,435	580,341	111	738,278	432,302
Ships clearing						
All vessels, including those transiting Canal	573	3,472,620	2,064,671	538	3,237,254	1,933,836
Vessels clearing port but not transiting Canal	55	293,272	166,377	9	49,669	25,080
Vessels transiting Canal and handling passengers and cargo at terminal ports	163	1,003,438	585,224	110	731,983	428,875

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, August 10, 1937, to midnight, September 10, 1937. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Kreta, 29, 497
Tillie Lykes, 0, 738
Santa Maria, 243, 74
Deroche, 414, 0
Komaki Maru, 426, 0
Scholar, 288, 17
Wisconsin, 262, 460
Sambu, 20, 53
Guayaquil, 1,698, 555
Pereira, 0, 1,164
Peten, 73, 8
Rhakotis, 244, 88
Nansenville, 5, 308
Wales Maru, 683, 0
Santa Marta, 113, 220
Esparta, 327, 48
Ville D'Amiens, 0, 16
Ino, 407, 381
Ulua, 564, 325
Colombia, 67, 818
Cerigo, 1,280, 323¼
Durazzo, 16, 552
Trois Ilets, 233, 47
San Felipe, 281, 0
Peten, 32, 30½
Lochgoil, 299, 228
Lagarto, 221, 2 pkgs.
Alaska, 871, 5
Simon Bolivar, 153, 7
Benj. Franklin, 8, 0
Istmo, 715, 186
Santa Rosa, 402, 53
Chilore, 10,453, 0
Pres. Cleveland, 166, 0
Juanita, 150, 0
Sona, 13, 4
Alkmaar, 444, 1,344
Cefalu, 141, 482
San Francisco, 9, 858
Acajutla, 608, 912
Santa Barbara, 222, 48
Barneveld, 94, 0
Montevideo Maru, 0 240
Santa Lucia, 300½, 96
Lochmonar, 103, 0
San Jose, 225, 0
Santa Clara, 230, 67
Damsterdijk, 220, 22
Buenaventura, 1,522, 633
Quirigua, 56, 25
Velma Lykes, 778, 349
Sixaola, 735, 368
Osnabruck, 168, 193
Duesseldorf, 85¼, 310
Leme, 62, 0
Virgilio, 5, 51
Ino, 427, 101
Santa Maria, 11,405, 0
Pastores, 167, 742
Calamares, 489, 554
West Notus, 33, 39
Istmo, 720, 84
Skagerak, 1, 0
Cali, 1,329¼, 650½
Winnipeg, 104, 292
Oakland, 324, 1,042
DeLa Salle, 92, 1,078
Cordillera, 12, 900½
Quirigua, 6, 124
Feodosia, 113, 263
Santa Paula, 383, 135
Wyoming, 51, 157
Crynssen, 174, 3
Cefalu, 431, 603
Salvador, 383, 0
Tatsuno Maru, 65, 0
Koln, 135, 411½
Cacique, 28, 126
Ammon, 184, 198
Cristobal, 2,257, 1,242
Atenas, 207, 0
Nojima Maru, 724, 0
Veragua, 69, 39
Santa Elena, 39, 157
Santa Inez, 385, 54
Jefferson Myers, 6, 0
Metapan, 216, 284
Nuevo Panama, 234, 194
Clio, 574, 97
Europa, 16, 0
Haiti, 37, 978
Tolua, 319, 418½
Mantilla, 3,269, 0
Port Antonio, 1, 541
Manizales, 1,219, 0
Peter Kerr, 77, 0
Anubis, 1, 512
Tokai Maru, 706, 52
Kimikawa Maru, 955, 0
Simon Bolivar, 5 pkgs. 2,136
Istmo, 728, 97
Trois Ilets, 233, 0
Veragua, 6½, 41
Orbita, 217, 55
Atlantian, 214, 38
Cordillera, 121, 8
Rialto, 104, 123
Pacific, 0, 146
Arizona, 389, 50
Fulda, 767, 774
Saarland, 143, 43
Contessa, 215, 483
Real, 0, 50
Tai Yang, 938, 5
Mayan, 1,011, 666
Tacoma, 34, 56
Annie Johnson, 0, 12
Baarn, 143, 466
Loriga, 21, 264
San Lucas, 254, 0
Ancon, 3,051, 831
Santa Barbara, 125, 41
Arawa, 69, 0
Harboe Jensen, 162, 0
Trois Ilets, 245, 77
Clio, 615, 278
Palatia, 12, 735
Manizales, 1,281, 462
Laurits Swenson, 4, 205
Peten, 35, 4
Santa Rosa, 11, 170
Tivives, 417, 396
Havelland, 6, 18
Balboa, 0, 398
Istmo, 721, 0
San Diego, 33, 78
Abraham Lincoln, 8, 0
Baru, 0, 87
Crynssen, 4, 702
Ulua, 437, 160
Colombia, 79, 882
Kinai Maru, 800, 95
Norden, 520, 0
Asuka Maru, 189, 0
Nuevo Panama, 0, 204
Daytonian, 204, 0
Orazio, 163, 227
Peten, 9, 223
Roda, 139, 132
Pereira, 475, 0
Gansfjord, 33, 742
Durazzo, 1,362, 0
Santa Maria, 342, 116
Ino, 425, 22
Contessa, 541, 346
Niel Maersk, 1,227, 0
Salvador, 0, 717
Trois Ilets, 299, 0
Liss, 10,337, 0
Turrialba, 374, 0
Pasajero, 0, 26
Dresden, 266, 453
San Simeon, 332, 49
Firmore, 11,971, 0
Guayaquil, 1,564, 0
Veragua, 31, 6
Santa Marta, 352, 158
Nebraska, 11, 64
Santa Rita, 370, 2
Katsuragi Maru, 913, 0
Portland, 80, 453
Hermonthis, 70, 1

BALBOA

Antares, 11, 0
Salvador, 0, 74
Republic, 105, 178
Santa Maria, 137, 55
Pres. Garfield, 3, 0
Virginia, 45, 187
Chateau Thierry, 2,479, 128
Heranger, 9, 0
Chiriqui, 339, 29
Santa Rosa, 46, 14
Acajutla, 1, 0
Lochgoil, 0, 73
Juanita, 2,376, 0
Ludington, 1,797, 216
Santa Barbara, 17, 16
Santa Elena, 9, 11
St. Mihiel, 65, 37
Grant, 204, 187
Rialto, 1,212, 0
Santa Inez, 128, 7
Talamanca, 316, 17
Tai Yang, 227, 0
Geisha, 2,108, 0
Henderson, 23, 9
Santa Lucia, 98, 0
Iocoma, 1,663, 0
Santa Clara, 158, 21
Pres. Hayes, 3, 0
California, 0, 24
Dusseldorf, 106, 0
Antigua, 276, 17
Santa Paula, 80, 0
Mayan, 0, 25
Salvador, 3, 0
El Aleto, 10,649, 0
Bokuyo Maru, 50, 0
Baarn, 158, 0
Canada, 154, 78
Santa Barbara, 103, 42
Santa Rosa, 7, 24
Limalite, 348, 0
Chateau Thierry, 975, 0
Chiriqui, 474, 27
Niel Maersk, 178, 0
Santa Maria, 22, 5
Oliver Olsen, 3,324, 0
Nitro, 14, 0
Pennsylvania, 30, 65

NOTE.—Figures shown resresent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 2,137; embarking 1,969; at Balboa, 1,111 disembarking and 1,180 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 7,407, from the Pacific to the Atlantic, 4,375. Aircraft numbering 53 entered Cristobal, and 222 passengers disembarked; clearances were 52, with 214 passengers embarking; at Balboa entries of aircraft were 63, with 156 passengers disembarking; clearances, 63, with 87 passengers embarking.

Provisions Required by Ships

The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, tobacco, etc., which are sold to ships at reasonable prices. Beef especially is available at low prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery or for delivery at the other terminal after transit.

Movements of Ocean Vessels Through the Panama Canal

From midnight August 10, 1937, to midnight September 10, 1937

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Anna Knudsen[1] [2]	9	11	Nor...	Knud Knudsen,O.A.S.	Curacao, N. W. I.	Cabo Bl'co, Peru	Ballast.....	.....
Elbe [2].....	10	11	Ger...	North German Lloyd.	Hamburg, Ger...	Vancouver, B. C.	General.....	5,572
Maria Stathatos..	10	11	Greek.	States Marine Corp..	Savannah, Ga...	Kobe, Japan.....	Scrap iron...	7,309
Brazilian Reefer [2]	10	11	Dan...	J. Lauritzen.....	Rotterdam, Neth.	Seattle, Wash...	Ballast.....	.....
Surrey.....	10	11	Brit...	Mont.-Aust.-N.Z.Line	Glasgow,Scotland	Adelaide, Aust...	General.....	5,106
Villanger [2].....	11	11	Nor...	Interocean S. S. Corp.	Antwerp,Belgium	Vancouver, B. C.	Ballast.....	.....
Republic [8].....	10	13	Amer..	U. S. Army.....	New York, N. Y.	Honolulu, T. H..	General.....	1,221
City of Elwood [2].	11	11	Amer..	Roosevelt S. S. Co...	Philadelphia, Pa.	Brisbane, Aus'lia.	Autos., gen..	4,287
Ardenvohr [2].....	11	12	Brit...	Mont.-Aust.-N.Z.Line	Montreal,Canada	Dunedin, N. Z...	General.....	4,463
San Bernardino...	10	11	Amer..	States S. S. Co.....	New York, N. Y.	Seattle, Wash...	General.....	3,604
Orduna.....	10	11	Brit...	Pacific Steam Nav. Co.	Liverpool, Eng..	Valparaiso, Chile.	General.....	3,638
Naruto Maru [2]...	11	11	Jap...	Nippon Yusen Kaisha	Boston, Mass...	Osaka, Japan....	Steel, gen...	8,310
Shohei Maru [2]...	11	11	Jap...	Mitsui & Co.....	New York, N. Y.	Moji, Japan.....	Steel, gen...	9,076
Real [2].....	10	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Enoch [3].....	11	...	Pan...	E. J. Hooper.....	Cristobal, C. Z..	Gatun, C. Z. [13]..	.....	.....
President Herrenschmidt.[1] [2]	11	12	Nor...	Pechelbronn.....	Donges, France..	Talara, Peru....	Ballast.....	.....
Susan V. Luckenbach.	11	12	Amer..	Luckenbach Line....	Boston, Mass....	Seattle, Wash...	Mach., gen..	3,875
Watsonville.....	12	12	Amer..	Hammond Lumber Co.	New York, N. Y.	S. Francisco, Cal.	Soda ash....	2,500
Chesapeake [1] [2]...	12	12	Brit...	Anglo-Amer. Oil Co..	Rotterdam, Neth.	Los Angeles, Cal.	Ballast.....	.....
Santa Maria [2]....	12	13	Amer..	Grace Line.....	New York, N. Y.	SanAntonio,Chile	General.....	2,885
Port Brisbane....	12	12	Brit...	Port Line.....	New York, N. Y.	Auckland, N. Z..	General.....	5,422
Deroche [1].....	12	12	Amer..	Union Oil of Calif....	Paulsboro, N. J..	Los Angeles, Cal.	Ballast.....	.....
Chateau Thierry [8]	12	...	Amer..	U. S. Army.....	New York, N. Y.	Balboa, C. Z....	General.....	3,708
President Garfield	13	13	Amer..	Dollar Line.....	Port Said, Egypt.	Round the world.	General.....	4,621
Loch Lomond....	12	13	Brit...	Glasgow S. S. Co....	Houston, Tex...	Japan.....	Scrap iron...	8,287
Virginia	13	13	Amer..	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General.....	2,606
Vito.....	12	13	Nor...	Kawasaki K. Kaisha.	Philadelphia, Pa.	Moji, Japan.....	Steel ingots.	7,900
Montrolite [1] [2]...	13	13	Brit...	Imperial Oil Co.....	Halifax, N. S....	Talara, Peru....	Ballast.....	.....
Jomar.....	13	13	Amer..	Weyerhaeuser S. S. Co.	Brooklyn, N. Y..	Los Angeles, Cal.	General.....	3,535
Adula [1] [2].....	13	13	Brit...	Anglo-Saxon Pet. Co.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast.....	.....
Helga.....	13	13	Dan...	J. Lauritzen.....	New York, N. Y.	Talcahuano,Chile	General.....	2,128
Wisconsin.....	12	13	Fr....	French Line.....	Havre, France...	Vancouver, B. C.	General.....	6,969
Heranger [2].....	13	13	Nor...	Interocean S. S. Co..	Rotterdam, Neth.	Los Angeles, Cal.	General.....	35
Sambu [2].....	12	13	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Pedregal, R. P...	Gasoline....	10
Oil Reliance [1] [2]..	14	14	Brit...	Anglo-Saxon Pet. Co.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast.....	.....
Taybank [2].....	14	14	Brit...	Bank Line.....	Boston, Mass....	Shanghai, China.	General.....	4,643
Montgomery City	14	14	Amer..	Isthmian S. S. Lines..	Mobile, Ala.....	Moji, Japan.....	Steel.....	8,071
Pacific Shipper [2]..	14	14	Brit...	Furness, Withy & Co.	Glasgow,Scotland	Vancouver, B. C.	General.....	845
Kotoku Maru [2]..	14	14	Jap...	Hiroumi Shoji K. K..	Philadelphia, Pa.	Moji, Japan....	(14)	7,556
Ville D'Amiens...	14	14	Fr....	French Line.....	Marseilles,France	Noumea,N.Caled.	General.....	785
Dakotan.....	14	15	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Portland, Oreg...	General.....	4,285
Artemisia.....	14	15	Brit...	H. M. Thompson....	Lake Charles, La.	Yawata, Japan..	Scrap steel..	8,750
Athelqueen [1] [2]...	14	15	Brit...	United Molasses Co..	Bremerh'n, Ger...	S. Francisco, Cal.	Ballast.....	.....
Herman F. Whiton	15	15	Amer..	Texas Gulf Sulphur Co.	Galveston, Tex..	Tacoma, Wash..	Sulphur.....	7,237
Port Dunedin [2]..	15	15	Brit...	Port Line.....	London, England	Timaru, N. Z....	General.....	6,647
Steel Trader.....	15	15	Amer..	Isthmian S. S. Lines..	Baltimore, Md...	Seattle, Wash...	(15)	4,861
Dorothy Luckenbach.	15	15	Amer..	Luckenbach Line....	Mobile, Ala.....	Seattle, Wash...	General.....	3,753
West Cape.....	15	15	Amer..	McCormick S. S. Co.	Albany, N. Y....	Los Angeles, Cal.	General.....	4,923
Ino [2].....	14	15	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	346
Korana.....	15	15	J.-Slav	Chile Nit. Sales Corp.	Avonmouth, Eng.	Chile.....	Ballast.....	.....
Baru [2].....	15	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
San Felipe.....	15	16	Amer..	States S. S. Co.....	Norfolk, Va.....	Seattle, Wash...	(16)	3,873
Sonnavind [2].....	15	16	Nor...	Continental Grain Co.	New York, N. Y.	Moji, Japan.....	Scrap iron...	8,167
Torvanger.....	15	16	Nor...	Chile Nit. Sales Corp.	Rotterdam, Neth.	Tocopilla, Chile..	Ballast.....	.....
Glittre [1] [2].....	16	16	Nor...	Peder Snedvig.....	Curacao, N. W. I.	Los Angeles, Cal.	Ballast.....	.....
Point Ancha.....	16	16	Amer..	Swayne & Hoyt.....	New Orleans, La.	Los Angeles, Cal.	General.....	5,734
Durazzo.....	15	16	Ger...	Hamburg-Amer. Line.	Manaure, Col...	B'ventura, Col...	General.....	1,111
Pereira.....	10	16	Pan...	Grace Line.....	Cristobal, C. Z..	Champ'ico, Guat.	General.....	1,160
Isthmian.....	16	16	Amer..	Amer.-Hawaiian Line.	Baltimore, Md...	Tacoma, Wash..	General.....	3,173
Trois Ilets.....	15	16	Fr....	French Line.....	Cristobal, C. Z..	B'ventura, Col...	General.....	51
Kamikawa Maru [2]	16	16	Jap...	Kawasaki K. Kaisha.	Philadelphia, Pa.	Shanghai, China.	Iron, gen....	5,330
Leonet [3].....	16	...	Pan...	A. Ferrari.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Teal [10].....	...	...	Amer..	U. S. Navy.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
MontevideoMaru[2]	16	18	Jap...	Osaka Shosen Kaisha.	RioGrande,Brazil	Kobe, Japan....	General.....	3,648
Nordvard [2].....	16	17	Nor...	J. Adler, Jr.....	Mobile, Ala.....	Kamaishi, Japan.	Scrap iron...	7,095
Nordhavet [2].....	16	17	Dan...	Joh. Bruhn & Co....	Houston, Tex....	Yokohama,Japan	Scrap iron...	7,611
Benjamin Franklin. [2]	16	17	Nor...	Fred Olsen & Co....	Oslo, Norway...	Vancouver, B. C.	General.....	5,261
Katrine Maersk[1] [2]	17	17	Dan...	Shell Oil Co.....	Curacao, N. W. I.	Los Angeles, Cal.	Ballast.....	.....
Lapwing [10].....	...	...	Amer..	U. S. Navy.....	Cristobal, C. Z..	Balboa, C. Z....	(17)	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [8] Transport. [10] Mine sweeper. [13] For bananas and return to Cristobal. [14] General, scrap steel. [15] Steel products, general. [16] General, steel, automobiles. [17] Towing barge No. 2.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Istmo	16	17	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	(13)	300
San Benito	17	17	Pan	United Fruit Co.	Mobile, Ala.	Pto. Arm'les, R. P.	Ballast	
Juanita [1]	17		Venez.	Shell Oil Co.	Curacao, N. W. I.	Balboa, C. Z.	Gasoline	1,953
Lochgoil [2]	16	18	Brit.	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B. C.	General	2,960
Georgian	17	17	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	S. Francisco, Cal	General	3,360
Luna [2]	17		Pan	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Theofano Livanos	17	18	Greek	S. Livanos & Co.	Hartlepool, Eng.	Chile	Ballast	
Tatsuha Maru	17	18	Jap.	Mitsubishi Shoji K.	Tampa, Fla.	Yokohama, Japan	Phosphate	8,078
Chryssi	17	18	Greek	P. J. Goulandris	Botwood, Nfld.	Tacoma, Wash.	(14)	7,889
Clio [1] [2]	18	18	Pan	Standard Oil of N. J.	LaGuayra, Venez.	Iquique, Chile	(15)	11,697
Chilore	16	18	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Llandaff	18	18	Brit.	Anglo-Can. S. S. Co.	Baltimore, Md.	Vancouver, B. C.	Ballast	
Alkmaar	17	18	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	4,620
Real [2]	17		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	17		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	17	18	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	Gasoline	31
Cacique	18	19	Amer.	Grace Line	Baltimore, Md.	Talcahuano, Chile	(16)	1,900
Lundby [2]	18	19	Dan.	Canadian Transp. Co.	Turks Is., B. W. I	Vancouver, B. C.	(17)	6,531
Athellaird [1] [2]	18	19	Brit.	United Molasses Co.	Birkenhead, Eng.	Los Angeles, Cal.	Ballast	
Fulgor [1]	19	19	Ital.	La Columbia	Copenhagen, Den.	Talara, Peru	Ballast	
Ammon	18	19	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	7,739
Athelduke [1] [2]	19	19	Brit.	Drewy, Paris	Hull, England	Estero Bay, Calif.	Ballast	
Gausdal [2]	19	19	Nor.	States Marine Corp.	New Orleans, La.	Osaka, Japan	Steel, cotton.	7,900
Inverbank [2]	19	20	Brit.	LongIs.Mach.&Equip.	Moorehead, N. C.	Kamaishi, Japan	Scrap metal.	8,010
Enoch [3]	18		Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [18]		
Lafcomo	19	20	Amer.	Weyerhaeuser S. S. Co.	Freeport, Tex.	Longview, Wash.	Sulphur	6,915
Vinni [2]	19	20	Nor.	Kawasaki K. Kaisha.	Texas City, Tex.	Kobe, Japan	Scrap iron	7,923
President Wilson.	20	21	Amer.	Dollar Line	Boston, Mass.	Manila, P. I.	General	5,065
William Luckenbach.	19	20	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	3,742
Hokkai Maru [2]	20	20	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	General	8,163
Ridley [2]	20	20	Brit.	States Marine Corp.	Baltimore, Md.	Kobe, Japan	Gen., pig iron	8,859
Peter Maersk [2]	20	20	Dan.	Maersk Line	Boston, Mass.	Cebu, P. I.	General	7,119
Stjerneborg [2]	20	20	Dan.	Isbrandtsen Moller Co.	Baltimore, Md.	Moji, Japan	Steel	7,798
Chinese Prince [2]	20	20	Brit.	Prince Line, Ltd.	New York, N. Y.	Hongkong, China	General	5,771
Kuretake Maru	20	21	Jap.	Mitsubishi Shoji K.	Tampa, Fla	Osaka, Japan	Phosphate	6,782
Santa Elena	20	21	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	2,557
Atlanticos	20	21	Greek	States Marine Corp.	Tampa, Fla.	Moji, Japan	Scrap iron	7,713
St. Mihiel [8]	19	21	Amer.	U. S. Army	Brooklyn, N. Y.	S. Francisco, Cal.	General	433
P-10 [5]	12		Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Corsair [5]			Amer.	George Herman	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Akaroa	20	21	Brit.	Shaw, Savill & Albion	London, England	Auckland, N. Z.	General	5,120
British Columbia Express.[2]	20	21	Nor.	Fruit Express Line	Goth'burg, Swed.	Portland, Oreg.	Ballast	
Santa Inez [2]	20	21	Amer.	Grace Line	New York, N. Y.	Ant'fagasta, Chile	General	2,368
Queen Eleanor	20	21	Brit.	Chile Nit. Sales Corp.	Baltimore, Md.	Ant'fagasta, Chile	Coke	778
Panaman	21	21	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,190
Gen. M. H. Sherman.	21	21	Amer.	Matson Nav. Co.	Baltimore, Md.	Hilo, T. H.	General	4,916
Ekaterini Nicolau.	20	21	Greek	Commercial Metals Co.	Houston, Tex.	Yawata, Japan	Scrap iron	9,205
Europa [2]	21	21	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	(19)	587
Hororata	21	21	Brit.	N. Z. Shipping Co.	Philadelphia, Pa.	Adelaide, Aus'lia.	General	5,914
Mobiloil [1]	21	21	Amer.	Socony Vac. Oil Co.	Providence, R. I.	Los Angeles, Cal.	Ballast	
Clio [2]	20	21	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	88
Nuevo Panama [2]	20	21	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Punta Arenas, C.R	General	160
Lee Dawson	21	22	Brit.	Chile Nit. Sales Corp.	Three Riv., Can.	Callao, Peru	Newsprint	2,040
Woodcock [10]	22		Amer.	U. S. Navy	Guantan'o, Cuba	Balboa, C. Z.	Ballast	
Havkong [1] [2]	21	22	Nor.	P. Meyer	Rotterdam, Neth.	Richmond, Calif.	Ballast	
Texmar	21	25	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,732
Eleanor Christensen.	22	22	Amer.	Arrow Line	Baltimore, Md.	Seattle, Wash.	General	3,577
Brandanger [2]	22	22	Nor.	Westfal, Larsen & Co.	Rosario, Arg.	Vancouver, B. C.	General	5,827
Mina L. Cambanis	22	22	Greek	Yamashita K. Kaisha	Boston, Mass.	Yawata, Japan	Scrap iron	7,125
Texas Sun [1] [2]	22	22	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	
Volunteer	22	22	Amer.	Lykes Bros.-Ripley Co.	Galveston, Tex.	Cebu, P. I.	General	9,316
Chelsea	22	29	Brit.	Chile. Nit. Sales Corp.	Rotterdam, Neth.	Ant'fagasta, Chile	Ballast	
Anglo-Canadian [2]	22	22	Brit.	Union S. S. Co., N. Z.	Liverpool, Eng.	Vancouver, B. C.	Ballast	
Baron Renfrew	22	23	Brit.	H. Hogarth & Sons.	New York, N. Y.	Osaka, Japan	Pig iron	7,000
S-42 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-44 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Peter Kerr	22	23	Amer.	Quaker Line	Philadelphia, Pa.	Portland, Oreg.	General	4,240
Olaf Bergh	22	23	Nor.	Chile Nit. Sales Corp.	Baltimore, Md.	Chile	Ballast	
S-46 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Cathwood [1]	22	23	Amer.	Union Oil Co. of Calif.	Philadelphia, Pa.	Los Angeles, Cal.	Ballast	
Steel Voyager	22	23	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Shanghai, China.	(20)	7,694
San Bruno	22	24	Pan.	United Fruit Co.	Philadelphia, Pa.	Pto. Arm'les, R.P.	Ballast	
Anglo Saxon	23	23	Brit.	Canadian Trading Co.	Barry, England	Brit. Columbia	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [8] Transport. [13] Gasoline, general. [14] Zinc, asbestos. [15] Diesel and fuel oil. [16] Automobiles, general, steel. [17] Salt, general, sulphur. [18] For bananas and return to Cristobal. [19] Clay, general, peat moss. [20] Steel products, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Svealand [2]	23	23	Swed..	Ore S. S. Corp.	Baltimore, Md..	Cruz Gr'de, Chile	Ballast	.....
Anubis [2]	22	23	Ger...	Hamburg-Amer. Line.	Philadelphia, Pa.	Osaka, Japan	Phosphate	7,248
Point Clear	23	23	Amer..	Swayne & Hoyt	New Orleans, La.	Los Angeles, Cal.	General	5,981
Istmo	23	23	Pan...	Elliot Ship.& Land Co.	Cristobal, C. Z..	B'ventura, Col...	General	190
Selma City	23	23	Amer..	Isthmian S. S. Lines..	Baltimore, Md...	Tacoma, Wash..	Steel, gen...	5,585
Sun [1] [2]	23	23	Amer..	Sun Oil Co.	Perth Amboy, N.J	Los Angeles,Cal..	Ballast	.....
Cerigo	14	24	Ger...	Hamburg-Amer. Line.	Cristobal, C. Z..	Guayaquil, Ecua.	General	295
Mallard [10]	...	...	Amer..	U. S. Navy	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
L-53 [5]	3	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
Yorkmar	23	24	Amer..	Calmar Line	Baltimore, Md...	Seattle, Wash...	Steel, gen...	7,299
Trois Ilets	22	24	Fr...	French Line	Cristobal, C. Z..	Manta, Ecuador.	Ballast	.....
Geisha [2]	24	26	Nor...	Knut Knudsen, O.A.S.	Goth'burg, Swed.	Valparaiso, Chile.	Gen.,cement.	3,407
Acajutla	17	24	Brit...	Pacific Steam Nav.Co.	Cristobal, C. Z..	Champ'ico, Guat.	General	912
Arizonan	24	24	Amer..	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash..	General	3,625
Royal Star	24	24	Brit...	Bunge & Borne, Ltd..	Buenos Aires,Arg.	Vancouver, B. C.	Maize	8,248
Port Huon [2]	24	24	Brit...	Port Line	Glasgow, Scot...	Oamaru, N. Z.	General	7,996
Bounty [14]	...	...	Amer..	Roy Phillips	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
Luna [2]	24	24	Pan...	A. Tagaropulos	Cristobal, C. Z..	Real, R. P.	General	3
Henderson [8]	24	26	Amer..	U. S. Navy	Norfolk, Va.	S. Francisco, Cal.	General	1,084
Snestad [2]	25	25	Nor...	Fern Line	Philadelphia, Pa.	Kobe, Japan	Pig iron	7,105
Tomislav	25	25	J.-Slav.	Chile Nit. Sales Corp.	Swansea, Eng...	Tocopilla, Chile..	Ballast	.....
Fulda [2]	24	25	Ger...	North German Lloyd.	Hamburg, Ger...	Corral, Chile	General	7,664
Herman Frasch	25	25	Amer..	Union Sulphur Co...	Galveston, Tex..	Everett, Wash...	Sulphur	6,300
Real [2]	24	...	Pan...	Elliot Ship.& Land Co.	Cristobal, C. Z..	Balboa, C. Z.	General	21
Tuira [2]	24	...	Pan...	Elliot Ship.& Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Trinidad [5]	24	...	Pan...	Standard Fruit Co...	Cristobal, C. Z..	Gatun, C. Z.	([15])	.....
Barge No. 4	...	...	Pan...	H. J. Quigley	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
Frank [3]	25	...	Pan...	E. J. Hooper	Cristobal, C. Z..	Gatun, C. Z. [15]	.....	.....
Lochmonar [2]	25	26	Brit...	Royal Mail Lines	Rotterdam, Neth.	Vancouver, B. C.	General	1,901
MuncasterCastle [2]	25	26	Brit...	Barber Line	Baltimore, Md...	Kobe, Japan	Steel prod..	7,245
Sessa	25	26	Dan...	Wessel, Duval & Co..	New York, N. Y.	Talcahuano,Chile	General	1,849
Oklahoman	26	26	Amer..	Amer.-Hawaiian Line.	N. London, Conn.	Tacoma, Wash..	General	2,337
Trontolite [1] [2]	26	26	Brit...	Imperial Oil Co.	Halifax, N. S.	Talara, Peru	Ballast	.....
Kirishima Maru [2]	26	26	Jap...	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	General	7,541
Sahale	26	26	Amer..	Weyerhaeuser S.S.Co.	New York, N. Y.	Seattle, Wash...	General	3,577
Prometheus Maru	26	27	Jap...	Mitsuibishi S. Kaisha.	New Orleans, La.	Yawata, Japan..	Scrap iron	7,290
Florence Luckenbach.	26	26	Amer..	Luckenbach Line	Mobile, Ala.	Seattle, Wash...	General	4,212
Santa Clara	26	27	Amer..	Grace Line	New York, N. Y.	SanAntonio,Chile	General	3,888
President Hayes..	27	27	Amer..	Dollar Line	New York, N. Y.	Shanghai, China.	General	3,861
California	27	28	Amer..	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,757
Pericles [1] [2]	26	27	Nor...	Kawasaki K. Kaisha.	Donges, France..	San Luis, Calif...	Ballast	.....
Trondanger [2]	26	27	Nor...	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	General	75
Walter A. Luckenbach.	26	27	Amer..	Luckenbach Line	Boston, Mass.	Seattle, Wash...	General	5,633
Johilla	27	27	Brit...	States Marine Corp..	Mobile, Ala.	Kobe, Japan	Scrap iron	7,029
J-26 [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
Phelps [9]	28	31	Amer..	U. S. Navy	Boston, Mass.	San Diego, Calif.	.....	.....
Leme [2]	27	28	Ital...	Italia S. A.	Genoa, Italy	Vancouver, B. C.	General	470
D. G. Scofield [1]	27	28	Amer..	Standard Oil of Calif.	Baltimore, Md...	S. Francisco, Cal.	Ballast	.....
Antonio	27	28	Brit...	Mitsui & Co.	New Orleans, La.	Kamaishi, Japan.	Scrap steel..	7,208
Oregonian	28	28	Amer..	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg...	General	3,326
Bente Maersk [1] [2]	28	28	Dan...	Isbrandtsen Moller...	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	.....
Manizales	21	28	Ger...	North German Lloyd.	Cristobal, C. Z..	B'ventura, Col...	Ballast	.....
Eknaren [2]	21	28	Swed..	General S. S. Corp...	Habana, Cuba...	Los Angeles, Cal.	Ballast	.....
Nordbo [2]	28	28	Dan...	East India Nav. Co..	Baltimore, Md...	Moji, Japan	Steel, ore	7,616
Ino [2]	27	28	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General	92
West Notus	28	28	Amer..	McCormick S. S. Co..	Buenos Aires,Arg.	Seattle, Wash...	General	6,683
Oakbank [2]	28	28	Brit...	Bank Line	Tampico, Mexico	Adelaide, Aust'lia	General	7,712
Dusseldorf [2]	27	29	Ger...	North German Lloyd.	Hamburg, Ger...	Valparaiso, Chile.	General	.....
Skagerak [2]	28	29	Nor...	Kawasaki K. Kaisha.	Portland, Me.	Yokohama,Japan	([17])	7,280
Santa Maria [1]	27	29	Amer..	Union Oil of Calif.	Cristobal, C. Z..	Los Angeles, Cal.	Ballast	.....
Pacific Pioneer [2]	28	29	Brit...	Furness, Withy & Co.	Glasgow, Scot...	Vancouver, B. C.	General	945
Martin Bakke [2]	28	29	Nor...	Knut Knutsen, O.A.S.	Belfast, Ireland..	Vancouver, B. C.	Passengers	.....
Timber Rush	29	29	Amer..	Shepard S. S. Co.	Boston, Mass.	Tacoma, Wash..	General	4,683
Amerikaland [2]	29	29	Swed..	Ore S. S. Corp.	Baltimore, Md...	Cruz Gr'de, Chile	Ballast	.....
Istmo	28	29	Pan...	Elliot Ship.& Land Co.	Cristobal, C. Z..	B'ventura, Col...	General	250
Tuira [2]	28	...	Pan...	Elliot Ship.& Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Winnipeg	28	30	Fr...	French Line	Havre, France...	Callao, Peru	General	3,856
Canadian Constructor.	29	30	Brit...	Mont.-Aust.-N.Z.Line	Montreal,Canada	Melbourne, Aust.	Paper	4,653
Alamar	30	30	Amer..	Calmar Line	Baltimore, Md...	Seattle, Wash...	Steel, gen...	8,003
Haughton Hall	29	30	Brit...	Isthmian S. S. Lines..	Baltimore, Md...	Shanghai, China.	Steel,tinplate	8,419
Oakland [2]	29	30	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	Vancouver, B. C.	Steel, glass..	6,453
City of Lyons	30	30	Brit...	Ellerman & Bucknall.	Montreal,Canada	Hongkong, China	General	8,202
Mayan	24	31	Amer..	Grace Line	Cristobal, C. Z..	Champ'ico, Guat.	General	646
Cali	28	30	Ger...	North German Lloyd.	Cristobal, C. Z..	Guayaquil, Ecua.	General	591
Stigstad [1] [2]	30	31	Nor...	A.F.Klaveness & Co..	Hamburg, Ger...	Los Angeles, Cal.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [9] Destroyer. [10] Mine sweeper. [14] Sailboat. [15] Towing Barge No. 4. [16] For bananas and return to Cristobal. [17] Steel ingots, pulp.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Mount Hymettus	29	31	Greek	Continental Grain Co.	Wilmington, N.C.	Osaka, Japan	Scrap iron	7,960
Feodosia	30	31	Ger	Hamburg-Amer. Line.	Hamburg, Ger.	Acajutla, Salvador	Gen., cement	3,012
Coloradan	30	31	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	3,045
El Aleto [1] [2]	30	...	Brit.	C. T. Bowring & Co.	Aruba, N. W. I.	Balboa, C. Z.	Fuel oil	10,649
Point Lobos	31	31	Amer.	Gulf-Pacific Line	New Orleans, La.	S. Francisco, Cal.	General	6,600
Argual	31	31	Hond.	United Fruit Co.	Baltimore, Md.	Pto. Arm'les, R.P.	Ballast	.....
Garonne [1] [2]	31	31	Nor.	Fearnley & Eger	Stockholm, Swed.	S. Francisco, Cal.	Ballast	.....
City of Athens	31	4	Brit.	Ellerman & Bucknall.	Three Riv., Can.	Kobe, Japan	(14)	7,083
Kwanto Maru [2]	31	31	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	Gen., mach'y.	8,542
Californian [2]	31	31	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,063
Luna [2]	31	31	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Silveryew [2]	31	1	Brit.	S. & J. Thompson	Philadelphia, Pa.	Hongkong, China	General	3,777
Augvald	1	1	Nor.	Continental Grain Co.	Houston, Tex.	Yawata, Japan	Scrap iron	7,600
Miss C. B. [3]	31	1	Hond.	I. D. Hunter	Tampa, Fla.	Tumaco, Colom.	Machinery	41
City of Winchester	1	1	Brit.	Amer.-Australian Line	New York, N. Y.	Sydney, Australia	General	4,492
Frank [3]	1	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	.....	.....
Sambu [2]	31	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	31	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real [2]	31	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
C. A. Canfield [1]	1	2	Amer.	Standard Oil of N. J.	Philadelphia, Pa.	Los Angeles, Cal.	Ballast	.....
Southern Sun [1] [2]	1	2	Amer.	Sun Oil Co.	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
Canada [2]	1	3	Swed.	Johnson Line	Goth'burg, Swed.	S. Francisco, Cal.	Paper, gen.	4,729
Happy Days [6]	1	2	Amer.	Ira C. Copley	New York, N. Y.	Long Beach, Cal.	Ballast	.....
Baarn	1	3	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,782
Memphis City	2	2	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Hilo, T. H.	Steel, gen.	7,403
Santa Barbara [2]	2	3	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	2,840
San Lucas	1	2	Amer.	States S. S. Co.	Norfolk, Va.	Seattle, Wash.	Autos, gen.	6,075
Loriga [2]	1	3	Brit.	Pacific Steam Nav. Co.	Hull, England	Talcahuano, Chile	General, coal	5,491
Port Nicholson	2	3	Brit.	Com'lth & Dom. Line.	Sydney, N. S.	Sydney, Australia	General	5,300
Paul Luckenbach	3	3	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	6,312
Brimanger [2]	3	3	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	S. Francisco, Cal.	General	11
Awobosan Maru [2]	3	3	Jap.	Mitsui Bussan Kaisha.	Philadelphia, Pa.	Kobe, Japan	Steel, oil	6,611
Santa Rosa	3	4	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	3,338
Tapanoeli	3	3	Neth.	N. V. R. D. Lloyd	Baltimore, Md.	Moji, Japan	Iron ingots	8,000
Trois Ilets	2	3	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	77
Joan [5]	3	...	Amer.	Dan McAllister	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Remuera	3	4	Brit.	N. Z. Shipping Co.	London, England	Auckland, N. Z.	General	6,124
Dionyssios Stathatos	3	4	Greek	D. D. Stathatos	Everglades, Fla.	Yokohama, Japan	Scrap iron	7,497
El Ciervo [1]	3	4	Brit.	C. T. Bowring & Co.	Smiths Bluff, Tex.	Guayaquil, Ecua.	Fuel oil	7,501
Clio [2]	2	4	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	251
Marna	3	4	Dan.	J. Lauritzen	New York, N. Y.	Talcahuano, Chile	General	1,800
Slemmestad [2]	3	4	Nor.	Fern Line	Mobile, Ala.	Moji, Japan	General	7,085
Abraham Lincoln [2]	4	4	Nor.	Fred Olsen & Co.	Hull, England	Vancouver, B. C.	General	2,675
Wichita [2]	4	4	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Saigon, China	General	7,430
Havelland [2]	3	4	Ger.	Hamburg-Amer. Line.	Tampa, Fla.	Osaka, Japan	Phosphate	8,290
Winona	4	4	Amer.	Pac. Coast Dir. Line	Portsmouth, R. I.	Tacoma, Wash.	General	4,289
Iowan	4	4	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,156
Balboa [2]	3	4	Swed.	Johnson Line	Kotka, Finland	Vancouver, B. C.	Paper, pulp	4,834
San Diego	4	4	Fr.	French Line	Antwerp, Belgium	S. Francisco, Cal.	General	6,260
Port Denison	4	5	Brit.	Port Line	Savannah, Ga.	Adelaide, Aust'lia	General	7,679
Edgar F. Luckenbach	4	5	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General	5,247
Calgarolite [1] [2]	4	5	Brit.	Imperial Oil Co.	Halifax, N. S.	Talara, Peru	Ballast	.....
Knute Nelson [2]	4	5	Nor.	Isbrandtsen Moller	Baltimore, Md.	Manila, P. I.	General	6,261
Sapporo Maru [2]	5	10	Jap.	Junshiro Inoue	Vera Cruz, Mexico	Manzanillo, Mex.	Ballast	.....
Sacramento Valley	5	5	Brit.	Mitsubishi Co.	Texas City, Tex.	Kobe, Japan	Scrap iron	7,655
Middlesex	5	5	Brit.	Federal Steam Nav. Co.	London, England	Bluff, N. Z.	General	6,490
Quarrington Court	5	5	Brit.	Isthmian S. S. Lines	Mobile, Ala.	Moji, Japan	Steel	9,040
Chateau Thierry [8]	4	...	Amer.	U. S. Army	New York, N. Y.	Balboa, C. Z.	General	1,057
Steel Scientist	5	5	Amer.	Isthmian S. S. Lines	Portland, Me.	Seattle, Wash.	Gen., steel	4,531
Gullpool	5	5	Brit.	Pool Shipping Co	Norfolk, Va.	Brit. Columbia	Ballast	.....
Nuevo Panama [2]	29	5	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	260
Baru [2]	4	5	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	General	95
Tuira [2]	4	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	4	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Orazio [2]	5	6	Ital.	Italia Soc. Line	Genoa, Italy	Valparaiso, Chile.	General	1,075
Montana [1]	6	6	Nor.	Standard Oil of N. J.	Aruba, N. W. I.	SanAntonio, Chile	Fuel oil	10,126
Salacia [2]	6	6	Brit.	Donaldson Bros.	Glasgow, Scotland	Vancouver, B. C.	General	653
Manizales	2	6	Ger.	North German Lloyd	Cristobal, C. Z.	Guayaquil, Ecua.	General	419
Point Vincente	6	6	Amer.	Swayne & Hoyt	New Orleans, La.	S. Francisco, Cal.	(15)	5,745
Nagara Maru [2]	6	6	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	(16)	8,093
Roda [2]	6	6	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	7,766
Barbara [5]	4	...	Amer.	J. F. Hatchett	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Winslow [5]	5	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tainui	6	7	Brit.	Shaw, Savill & Albion.	London, England	Hawkes Bay, N.Z.	General	4,135
Tonsbergfjord [2]	6	7	Nor.	Wessel, Duval & Co.	Pt. Alfred, Canada	Talcahuano, Chile	Newsprint	3,383
Roxen [2]	6	7	Swed.	Transatlantic Line	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [8] Transport. [13] For bananas and return to Cristobal. [14] Paper, asbestos. [15] Sulphur, steel, general. [16] Lubricating oil, tin, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
San Bruno	7	7	Pan	United Fruit Co	Mobile, Ala	Pto.Arm'les, R.P.	Ballast	
Knoxville City	7	7	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Yokohama,Japan	Steel	8,026
Santa Clara Valley, [2]	7	7	Brit.	Sir W. R. Smith & Son	Mobile, Ala	Osaka, Japan	Pig iron	8,088
Imperial Valley	7	7	Brit.	Mitsubishi Co.	Pensacola, Fla.	Yokohama,Japan	Scrap iron	7,665
Salvador	31	7	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	717
Bethore	7	7	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Virginian	7	7	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,777
Luna [2]	7	7	Pan	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Charles Christenson.	7	8	Amer.	Sudden & Christenson	Baltimore, Md.	Seattle, Wash.	(16)	2,983
Washington Express. [2]	8	8	Nor.	Fruit Express Line	Rotterdam,Neth.	Los Angeles, Cal.	Ballast	
Tai Yin [2]	7	8	Nor.	Barber Line	Baltimore, Md.	Yokohama,Japan	General	5,586
Ino [2]	7	8	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	10
Canadian Conqueror.	8	8	Brit.	Mont.-Aust.-N.Z.Line	Three Riv., Can.	Melbourne, Aust.	Newsprint	3,343
Hofuku Maru	8	8	Jap.	Kokusai Kisen Kaisha	Pt. Tampa, Fla.	Yokohama,Japan	Phosphate	7,898
Real [2]	7	...	Pan	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Enoch [2]	8	...	Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [15]		
Bagley No. 386 [9]	9	...	Amer.	U. S. Navy	U. S. port	Balboa, C. Z.	Ballast	
Julia Luckenbach.	8	9	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	Gen., paper	4,743
Ontariolite [1] [2]	8	9	Brit.	Imperial Oil Co.	Montreal,Canada	Talara, Peru	Ballast	
Santore	9	9	Amer.	Ore S. S. Corp.	New York, N. Y.	Cruz Gr'de, Chile	Ballast	
Acavus [1] [2]	9	9	Brit.	Shell Oil Co.	Montreal,Canada	Los Angeles, Cal.	Ballast	
Athelviking [1] [2]	10	...	Brit.	H. Drewry	Liverpool, Eng.	Los Angeles, Cal.	Ballast	
Pennsylvania	10	10	Amer.	Weyerhaeuser S.S. Co.	Norfolk, Va.	Seattle, Wash.	General	3,015
Pennsylvania	10	11	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,383
Queen Anne [2]	10	10	Brit.	Anglo-Can. S. S. Co.	Newcastle, Eng.	Vancouver, B. C.	Ballast	
Nitro [13]	9	...	Amer.	U. S. Navy	Norfolk, Va.	Puget Sd., Wash.	Navy stores.	3,352
San Simeon	9	10	Amer.	Quaker Line	New York, N. Y.	Seattle, Wash.	Steel, gen	3,277
Sussex [2]	10	11	Brit.	P.&.O. Steam Nav.Co.	Liverpool, Eng.	Auckland, N. Z.	General	12,500
Baron Dunmore	10	10	Brit.	H. Hogarth	Newp't News,Va.	Yokohama,Japan	Pig iron	6,003
Gloria Stella	10	10	Ital.	Fratelli Rizutto	Naples, Italy	Callao, Peru	Airplanes	120
Vermar	10	10	Amer.	Calmar Line	Philadelphia, Pa.	Seattle, Wash.	Gen., steel	7,866

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
K. I. Luckenbach.	11	11	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Gen., lumber	6,812
Kayeson	11	11	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Portsmouth, Eng.	Lumber	6,150
D. G. Scofield [1]	11	11	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Providence, R. I.	(17)	10,860
Cucuta [14]	6	11	Colom.	Colombian Govt.	B'ventura, Col.	Cartagena, Col.		
Pennsylvanian	11	11	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	5,936
Moldanger [2]	12	12	Nor.	Interocean S. S. Co.	Vancouver, B. C.	Hull, England	Grain, gen.	8,128
Unicoi [2]	11	12	Amer.	Roosevelt S. S. Co.	Whyalla, Aust'lia	New York, N. Y.	General	7,417
Charles Pratt [1]	12	13	Amer.	Standard Oil of N. J.	Talara, Peru	S'ampton, Eng.	Crude oil	14,748
Komaki Maru [2]	12	12	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	General	7,365
Marna	12	12	Dan.	J. Lauritzen	Corral, Chile	New York, N. Y.	Oats, ore	2,500
Winamac [1]	12	12	Brit.	Shell Oil Co.	Los Angeles, Cal.	Curacao, N. W. I.	Gas oil	12,508
Orville Harden [1] [2]	12	12	Pan.	W. Tankschiff Rhed'i.	Talara, Peru	Havre, France	Crude oil	17,477
Fiscus	12	12	Brit.	Sugar Ref., Montreal.	Townsville, Aust.	Montreal,Canada	Sugar	7,750
Sambu [2]	12	13	Pan	Elliot Ship. & Land Co.	Panama, R. P.	Cristobal, C. Z.	Emptydrums	10
Adventure [2]	12	...	Amer.	C. V. Barlow	Balboa, C. Z.	Gamboa, C. Z.	Tow. launch.	
P-10 [5]	12	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.		
Rhakotis [2]	12	13	Ger.	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	7,746
Hazelside	12	13	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Devonport, Eng.	Lumber, gen.	5,863
Helen Whittier	12	13	Amer.	Matson Nav. Co.	Honolulu, T. H.	Baltimore, Md.	(18)	7,400
Flomar	13	13	Amer.	Calmar Line	Seattle, Wash.	Albany, N. Y.	Lumber	7,800
Nansenville [2]	13	14	Neth.	Fred Olsen Line	Vancouver, B. C.	Oslo, Norway	General	6,848
Ronda [2]	13	13	Nor.	Mitsui Bussan Kaisha	Penang, Malay P.	New York, N. Y.	General	7,544
Telde	13	13	Hond.	United Fruit Co	Pto.Arm'les, R.P.	Mobile, Ala.	Bananas	679
Wales Maru	13	14	Jap.	Kawasaki K. Kaisha.	Yokohama,Japan	Houston, Tex.	Sugar, gen.	5,625
Stensby [2]	13	14	Dan.	British Phos. Co.	Nauru Island	Kotka, Finland	Phosphate	6,400
San Marcos	14	14	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,861
Baru [2]	14	15	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	68
Ino [2]	14	15	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	367
Cerigo	14	...	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, cacao	1,164
Chateau Thierry [3]	13	14	Amer.	U. S. Army	Balboa, C. Z.	New York, N. Y.	Army stores.	15
Pan Norway [1] [2]	14	14	Nor.	Standard Oil of N. J.	Talara, Peru	Hamburg, Ger.	Gasoline	13,108
Luna [2]	14	14	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Plantains	12
Katrina Luckenbach.	14	15	Amer.	Luckenbach Line	Los Angeles, Cal.	New Orleans, La.	(19)	5,521
Trois Ilets	15	16	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	211
Newton Elm	15	15	Brit.	Andrew Weir & Co.	Makatea Islands	Limnham, Swed.	Phos. rock	7,000
Point Salinas	15	15	Amer.	Swayne & Hoyt	Portland, Oreg.	Tampa, Fla.	General	6,393

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [9] Destroyer. [13] Auxiliary. [14] Training ship. [15] For bananas and return to Cristobal. [16] Iron, steel, general. [17] Petrolastic asphalt. [18] Sugar, pineapples. [19] Lumber, sugar, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Taygetos	15	15	Greek	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrate	7,500
Liberator	15	15	Amer.	Lykes Bros.-Ripley Co.	Manila, P. I.	New Orleans, La.	([14])	9,498
Minnesotan	15	16	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	6,339
Istmo	16	17	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	649
Nyhorn [2]	16	16	Nor.	Knutsen Line	N.Westm'er,B.C.	Belfast, Ireland	([15])	6,397
Jane Christenson	16	16	Amer.	Arrow Line	So. Bend, Wash.	Baltimore, Md.	Lumber, gen.	7,580
Alaska	16	18	Fr.	French Line	Valparaiso, Chile	Havre, France	General	7,593
Laguna [2]	16	16	Brit.	Pacific Steam Nav.Co.	Talcahuano,Chile	Hull, England	General	8,586
Parthenia	16	16	Brit.	Donaldson Bros.	Victoria, B. C.	Glasgow,Scotland	General	6,093
Lagarto [2]	4	17	Brit.	Pacific Steam Nav. Co.	Valparaiso, Chile.	Liverpool, Eng.	General	6,612
Lihue	16	16	Amer.	Matson Nav. Co.	Honolulu, T. H.	New York, N. Y.	([16])	6,435
Santa Rosa	16	17	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	4,308
Barbara [5]	...	...	Amer.	J. L. Hatchett	Miraflores Lake	Gatun Lake	.....	.....
Svend Foyn [1]	16	17	Brit.	Star Whaling Co.	Estero Bay, Calif.	Havre, France	Crude oil	17,500
Brynje [2]	16	17	Nor.	Canadian Transp. Co.	Vancouver, B. C.	Grangem'th,Scot.	Lumber, gen.	5,965
Miralda [1] [2]	16	17	Neth.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, N. W. I.	Gasoline	11,661
Firmore	17	17	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	New York, N. Y.	Iron ore	11,850
San Francisco	17	19	Fr.	French Line	Vancouver, B. C.	Havre, France	General	6,090
President Cleveland.	17	17	Amer.	Dollar Line	Manila, P. I.	Boston, Mass.	General	5,867
Acajutla	17	24	Brit.	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	605
Egyptian Reefer [2]	17	17	Dan.	J. Lauritzen	S. Francisco, Cal.	Haifa, Palestine.	([17])	463
Real [2]	16	18	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	29
Sambu [2]	17	18	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
Sona [2]	17	18	Pan.	Elliot Ship. & Land Co.	Panama, R. P.	Cristobal, C. Z.	Emptydrums	10
Camden [1]	17	18	Amer.	Shell Oil Co.	Los Angeles, Cal.	Sewaren, N. J.	Gasoline	8,534
Barneveld	18	18	Neth.	Royal Neth. S. S. Co.	Valparaiso, Chile.	Hamburg, Ger.	General	8,467
Koln	17	19	Ger.	North German Lloyd.	Corral, Chile	Bremen, Ger.	General	9,744
Tatsuno Maru	17	18	Jap.	Nippon Yusen Kaisha	Shanghai, China.	Houston, Tex.	Sugar, gen.	8,536
Western Sun [1] [2]	18	18	Amer.	Sun Oil Co.	El Segundo, Calif.	Marcus Hook, Pa.	Gasoline	13,162
Santa Barbara [2]	18	18	Amer.	Grace Line	SanAntonio,Chile	New York, N. Y.	General	4,734
Harry Luckenbach	18	18	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Gen., lumber	8,000
Pacific President [2]	18	18	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow,Scotland	General	8,616
Carolinian	18	18	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Bridgeport,Conn.	Gen., lumber	6,763
Planet	18	18	Ger.	Hamburg-Amer. Line.	Magallanes, Chile	Hamburg, Ger.	General	8,505
Ludington [8]	17	20	Amer.	U. S. Army	Honolulu, T. H.	Brooklyn, N. Y.	Supplies	700
Juanita [1]	17	18	Venez.	Shell Oil Co.	Balboa, C. Z.	Curacao, N. W. I.	Ballast	.....
Leonett [2]	18	18	Pan.	A. Ferriari	Panama, R. P.	Cristobal, C. Z.	Cattle	25
Filleigh	18	18	Brit.	Atl. Ship. & Trad. Co.	Pt. Alberni, B. C.	Liverpool, Eng.	Lumber	7,250
El Oso [1] [2]	18	19	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Ellesmere, Eng.	Bulk oil	10,193
Emergency Aid	18	19	Amer.	McCormick S. S. Co.	Townsend,Wash.	Baltimore, Md.	Lum., paper.	6,943
Mexican	19	19	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	9,649
Beneruachan	19	19	Brit.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Grangem'th,Scot.	([18])	7,748
Wildwood	19	19	Amer.	Amer.-Foreign Corp.	Olympia, Wash.	New York, N. Y.	Lumber	6,764
Nojima Maru [2]	19	20	Jap.	Nippon Yusen Kaisha	Hongkong, China	New York, N. Y.	Raw silk,gen.	4,130
Arimasan Maru [2]	19	19	Jap.	Mitsui & Co.	Manila, P. I.	New York, N. Y.	General	7,056
Dagfred [2]	19	19	Nor.	J. P. Pedersen & Son.	Victorias, P. I.	New Orleans, La.	Sugar	7,675
Besholt [2]	19	19	Nor.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Hull, England	Lumber	7,198
L-41 [5]	19	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Bente Maersk [1] [2]	19	20	Dan.	Isbrandtsen Moller	Los Angeles, Cal.	Curacao, N. W. I.	Gas oil	8,186
Wind Rush	19	20	Amer.	Shepard S. S. Co.	Seattle, Wash.	Albany, N. Y.	Lumber, gen.	7,195
Lautaro [2]	19	20	Brit.	Pacific Steam Nav.Co.	Corral, Chile	Hull, England	Gen., nitrate	8,689
Elin K. [2]	19	20	Nor.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	London, England	Lumber	7,302
Stamatios G. Embiricos.	20	20	Greek.	Anglo-Can. S. S. Co.	Vancouver, B. C.	London, England	Lumber	5,178
Michalakis	20	20	Greek.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Azores [13]	Nitrate	7,600
San Benito	20	20	Pan.	United Fruit Co.	Pto. Arm'les, R. P.	Mobile, Ala.	Bananas	800
Clio [2]	20	21	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	520
Jefferson Myers	20	21	Amer.	Pacific-Atlantic Corp.	Portland, Oreg.	Philadelphia, Pa.	Gen., lumber	10,398
Nuevo Panama [2]	20	21	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	212
Teal [4]	20	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Retriever [5]	20	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Bethore	20	21	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,200
Anna Knudsen [1] [2]	20	21	Nor.	H. P. Drewry	Cabo Bl'co, Peru.	Donges, France.	Crude oil	13,991
Sandhamn [2]	20	21	Swed.	Canadian Transp. Co.	Pt. Alice, B. C.	London, England	([19])	7,175
Antictam [1]	21	21	Amer.	Shell Oil Co.	Wilmington, Cal.	Curacao, N. W. I.	Gas oil	10,087
Mount Othrys	21	21	Greek.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrate	8,600
Manizales	21	28	Ger.	Hapag-Lloyd	Guayaquil, Ecua.	Cristobal, C. Z.	([20])	1,109
Rangitiki [2]	21	21	Brit.	N. Z. Shipping Co.	Pt.Chalmers,N.Z.	London, England	Frozen, gen.	5,778
President Herrenschmidt. [1] [2]	21	22	Nor.	Pechelbronn, Paris	Talara, Peru	Antwerp,Belgium	Crude oil	13,315
Luna [2]	21	21	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	([21])	10
Montrolite [1] [2]	22	22	Brit.	Imperial Oil Co.	Talara, Peru	Montreal,Canada	Crude oil	15,626
Hamakua	21	22	Amer.	Matson Nav. Co.	Honolulu, T. H.	Baltimore, Md.	([22])	7,781
Elna	21	22	Eston.	Nitrate Corp., London	Tocopilla, Chile.	Azores [13]	Nit. of soda	4,695
Trois Ilets	22	24	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	211
Tokai Maru [2]	22	23	Jap.	Osaka Shosen Kaisha.	Hongkong, China	Baltimore, Md.	General	4,668

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [8] Transport. [13] For orders. [14] Sugar, copra, lumber. [15] Wheat, lumber, general. [16] Sugar, canned fruits. [17] Fresh fruits, general. [18] Lumber, spelter, plywood. [19] Lumber, wood pulp. [20] Cocoa, tagua, coffee. [21] Plantains, lumber. [22] Sugar, canned pineapples.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Istmo	22	23	Pan	Elliot Ship.& Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	660
Kimikawa Maru [2]	22	23	Jap	Kawasaki K. Kaisha	Dairen, China	New York, N. Y.	Silk, gen.	9,494
Grant [8]	21	24	Amer.	U. S. Army	S. Francisco, Cal.	New York, N. Y.	Army stores.	306
Maine	22	22	Amer.	Isthmian S. S. Lines	Honolulu, T. H.	Boston, Mass.	General	8,030
Marore	23	23	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,400
Hawaiian	22	23	Amer.	Amer.-Hawaiian Line.	Astoria, Oreg.	Boston, Mass.	General	6,007
Orbita	23	23	Brit.	Pacific Steam Nav.Co.	SanAntonio,Chile	Liverpool, Eng.	General	7,313
Steel Exporter	22	23	Amer.	Isthmian S. S. Lines	Seattle, Wash.	Boston, Mass.	(15)	7,643
Pacific [2]	23	24	Swed.	Johnson Line	S. Francisco, Cal.	Stockholm, Swed.	Barley, gen.	5,220
Rialto [2]	21	24	Ital.	Italia	Vancouver, B. C.	Trieste, Italy	General	5,309
Speybank [2]	23	24	Brit.	Queensland Govt.	Cairns, Aust'lia	Montreal,Canada	Raw sugar	8,295
Pennsylvania	23	24	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	6,948
Mayan	24	30	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	993
Saarland	23	25	Ger.	Hamburg-Amer. Line.	Talcahuano,Chile	Hamburg, Ger.	General	7,792
Silverbelle [2]	23	24	Brit.	S. & J. Thompson	Vancouver, B. C.	Calcutta, India	General	6,142
Oregon Express [2]	24	24	Nor.	Fruit Express Line	S. Francisco, Cal.	Glasgow,Scotland	Fruit	700
Arizona	24	25	Fr.	French Line	Talcahuano,Chile	Havre, France	General	7,787
Tai Yang [2]	24	25	Nor.	Barber-Wilhelmsen	J.Panganiban,P.I	New York, N. Y.	General	5,723
Mobile City	24	24	Amer.	Isthmian S. S. Lines	Honolulu, T. H.	Baltimore, Md.	(16)	8,201
Real [2]	24	25	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	26
Tuira [2]	24	25	Pan.	Laffargue Bros.	Darien, R. P.	Cristobal, C. Z.	Bananas	45
Willmoto [2]	24	25	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	7,635
Point Caleta	25	25	Amer.	Gulf-Pacific Line	Los Angeles, Cal.	Panama City,Fla.	Lumber, gen.	6,961
Hegira	25	25	Amer.	Weyerhaeuser S.S.Co.	S. Francisco, Cal.	Newark, N. J.	Lumber, gen.	10,500
Glasgow Maru	25	25	Jap.	Kokusai K. Kaisha	Bais, P. I.	Hatteras [14]	Sugar	8,063
Santa Lucia	25	26	Amer.	Grace Line	SanAntonio,Chile	New York, N. Y.	General	4,027
Damsterdijk [2]	25	26	Neth.	Holland-Amer. Line	Victoria, B. C.	Rotterdam, Neth.	General	10,051
W. R. Keever	25	26	Amer.	Dutton Lumber Corp.	Portland, Oreg.	New York, N. Y.	Lumber	7,200
Flowergate	25	26	Brit.	Chile Nit. Sales Corp.	Ant'fagasta,Chile	Azores [14]	Nitrate	7,010
Chickasaw City	26	26	Amer.	Isthmian S. S. Lines	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	8,663
Forbes Hauptman	26	26	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,952
Soley [2]	26	26	Nor.	Canadian Gulf Line	Powell Riv., B. C.	Houston, Tex.	(17)	5,926
Trelawny	26	26	Brit.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	London, England.	Lum., spelter	7,760
La Paz [2]	26	26	Brit.	Pacific Steam Nav.Co.	Callao, Peru	Liverpool, Eng.	(18)	8,511
Lena Luckenbach.	26	26	Amer.	Luckenbach-Gulf Co.	Portland, Oreg.	Mobile, Ala.	Lumber, gen.	5,297
EleonoraMaersk [1]	[2]26	27	Dan.	Shell Oil Co.	S. Francisco, Cal.	Curacao, N. W. I.	(19)	15,518
Osnabruck [2]	26	28	Ger.	North German Lloyd.	Corral, Chile	Bremen,Germany	General	6,082
Fresno Star	26	27	Brit.	Blue Star Line	Vancouver, B. C.	Liverpool, Eng.	Frozen, gen.	8,118
Texan	26	27	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	10,807
Olney [2]	26	27	Amer.	Penn. Shipping Co.	Los Angeles, Cal.	Fall River, Mass.	(20)	10,052
J. L. Luckenbach.	27	27	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,456
Santa Maria [1]	27	29	Amer.	Union Oil of Calif.	Los Angeles, Cal.	Cristobal, C. Z.	Diesel oil	11,509
Virgilio [2]	27	28	Ital.	Soc. Italia	Valparaiso, Chile.	Genoa, Italy	General	3,332
Canadian Challenger.	27	28	Brit.	Mont.-Aust.-N.Z.Line	Auckland, N. Z.	Montreal,Canada	General	6,431
Ino [2]	27	28	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(21)	479
Hopestar	27	27	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [14]	Nitrate	9,060
Palo Seco [2]	27	...	C. R.	United Fruit Co.	Puntarenas, C. R.	Cristobal, C. Z.	Ballast	.....
San Bruno	27	27	Pan.	United Fruit Co.	Pto. Arm'les,R.P.	Mobile, Ala.	Bananas	528
Berganger [2]	27	27	Nor.	Interocean S. S. Co.	Vancouver, B. C.	Leith, Scotland	Grain, gen.	8,037
Lebore	28	28	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Amerika [2]	27	28	Dan.	East Asiatic Co.	Vancouver, B. C.	Copenhagen,Den.	Fruit, lum.	9,040
Elwood [1]	27	28	Amer.	Shell Oil Co.	Los Angeles, Cal.	New York, N. Y.	Gasoline	9,579
Fulgor [1]	27	28	Ital.	Socony Vac. Oil Co.	Talara, Peru	Aruba, N. W. I.	Gas oil	8,803
Cali	28	30	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	(22)	1,208
Istmo	28	29	Pan.	Elliot Ship.& Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	653
Hallaren [2]	28	28	Swed.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Garston, England	Lumber	4,133
Tuira [2]	28	29	Pan.	Laffargue Bros.	Darien, R. P.	Cristobal, C. Z.	Bananas	44
Luna [2]	27	28	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	Plantains	11
Stavros	28	29	Greek.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [14]	Nitrate	8,500
Golden Cloud	28	29	Amer.	Matson Nav. Co.	Kahului, T. H.	Baltimore, Md.	(23)	7,445
Frida	29	29	Dan.	West Coast Line	Valparaiso, Chile.	New York, N. Y.	Gen., nitrate	2,471
Nuevo Panama [2]	29	5	Pan.	Elliot Ship.& Land Co.	Panama, R. P.	Cristobal, C. Z.	Ballast	.....
Point Brava	29	29	Amer.	Swayne & Hoyt	Seattle, Wash.	Tampa, Fla.	General	6,105
Luxor [1] [2]	29	29	Brit.	H. E. Moss & Co.	Los Angeles, Cal.	Hamburg, Ger.	Benzine	9,471
Tisnaren [2]	29	29	Swed.	Transatlantic S. S. Co.	Suva, Fiji Islands	London, England.	Copra, lead	8,797
San Rafael	30	30	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,364
Kate	30	30	Greek.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Hartlepool, Eng.	Lumber	6,119
Santa Paula	30	31	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	4,290
Steelore	31	31	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,000
Wyoming	31	31	Fr.	French Line	Seattle, Wash.	Rotterdam, Neth.	Lumber, gen.	8,253
Gannet [13]	30	...	Amer.	U. S. Navy	San Diego, Calif.	Coco Solo, C. Z.	.....	.....
Kentuckian	31	31	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,164
Everett	31	31	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	5,420
Salvador	31	7	Brit.	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	(24)	383
John Bakke [2]	31	31	Nor.	Knut Knutsen,O.A.S.	N.Westm'er,B. C.	Belfast, Ireland	Lumber, gen.	7,100
Akagi Maru [2]	31	31	Jap.	Nippon Yusen Kaisha	Dairen, China	Hamburg, Ger.	General	6,399

[1] Tanker. [2] Motor ship. [8] Transport. [13] Aviation tender. [14] For orders. [15] Lumber, wood pulp. [16] Canned pineapples. [17] Newsprint, shingles. [18] Sugar, sheepskins. [19] Kerosene distillate, gas oil. [20] Kerosene, solvent. [21] Coffee, skins, cacao. [22] Coffee, cocoa, general. [23] Raw sugar, pineapples. [24] Coffee, wood, hides.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Steel Worker	31	1	Amer.	Isthmian S. S. Lines	Hilo, T. H	Baltimore, Md.	(14)	8,366
Sambu [2]	31	1	Pan.	Elliot Ship.& Land Co.	Bayano, R. P.	Cristobal, C. Z.	Bananas	21
Sona [2]	31	1	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	25
Real [2]	31	1	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
Svithiod [1] [2]	31	1	Pan.	Standard Oil of N. J.	Talara, Peru	Aruba, N. W. I.	(15)	9,073
Indianan	1	1	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	General	7,319
Annie Johnson [2]	31	1	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	General	5,677
Tacoma	1	1	Ger.	Hamburg-Amer. Line.	N. Westm'er, B.C.	Hamburg, Ger.	Lumber, gen.	8,552
Dornoch	1	1	Brit.	Anglo-Can. S. S. Co.	Brit. Columbia	London, England.	Lumber, zinc	6,582
Lillian Luckenbach.	1	1	Amer.	Luckenbach Line	Tacoma, Wash.	Boston, Mass.	Lumber, gen.	9,549
Gracia	1	1	Brit.	Donaldson Bros	Vancouver, B. C.	Glasgow, Scot.	General	5,200
Adversus [2] [13]	30	2	Brit.	Canadian Govt	Esquimalt, B. C.	Halifax, N. S.		
American	1	1	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,426
General Lee	1	1	Amer.	States S. S. Co	S. Francisco, Cal.	Galveston, Tex.	Rice	2,613
City of Rayville [2]	1	2	Amer.	Roosevelt S. S. Co.	Sydney, Aust'lia.	Baltimore, Md.	General	6,875
Minerva [2]	2	2	Nor.	Seaboard Ship. Co.	Pt. Alberni, B.C.	Philadelphia, Pa.	Lumber	8,256
Cedarbank [2]	2	2	Brit.	Bank Line, Ltd	Bowen, Australia.	Halifax, N. S.	Sugar	8,158
Trois Ilets	2	3	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	(16)	345
Manizales	2	6	Ger.	North German Lloyd.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	1,165
Arawa	2	3	Brit.	Shaw, Savill & Albion.	Wellington, N. Z.	London, England.	Frozen, gen.	6,183
Clio [2]	2	4	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	559
Pacific Exporter [2]	2	4	Brit.	Furness, Withy & Co.	Vancouver, B. C.	London, England.	General	6,597
Anniston City	2	3	Amer.	Isthmian S. S. Lines	Honolulu, T. H.	New York, N. Y.	(17)	8,185
Babbitt No. 128 [9]	3		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Istmo	3		Pan.	Elliot Ship.& Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	654
Scottish Minstrel. [1] [2]	3	4	Brit.	Standard Oil of N. J.	Talara, Peru	Halifax, N. S.	Crude oil	9,700
Laurits Swenson [2]	3	3	Nor.	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	General	6,103
Argual	3	3	Hond.	United Fruit Co	Pto. Arma'les, R.P.	Mobile, Ala	Bananas	790
Edwin Christenson.	3	3	Amer.	Sudden & Christenson	Portland, Oreg.	Baltimore, Md.	Lumber	7,424
Trewellard	3	4	Brit.	Hain S. S. Co	Mackay, Aust'lia	Montreal, Canada	Sugar	8,131
S-46 [7]	3		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
S-44 [7]	3		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
S-42 [7]	3		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Mallard [4]	3		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Barbara [5]	3	6	Amer.	J. F. Hatchett	Balboa, C. Z.	Cristobal, C. Z.		
General Pershing.	3	4	Amer.	States S. S. Co	Manila, P. I.	New York, N. Y.	(18)	2,000
Jacob Luckenbach	4	4	Amer.	Luckenbach Line	Portland, Oreg.	Mobile, Ala	General	4,898
City of Delhi	4	4	Brit.	Ellerman & Bucknall.	Brisbane, Aus'lia.	Montreal, Canada	General	5,271
Kinai Maru [2]	4	5	Jap.	Osaka Shosen Kaisha.	Iloilo, P. I.	Baltimore, Md.	General	6,428
Hallingdal	4	4	Nor.	Boe & Pedersen	Bangkok, Siam.	La Guaira, Venez.	Rice	5,176
Tuscaloosa City	4	5	Amer.	Isthmian S. S. Lines	Honolulu, T. H.	Baltimore, Md.	(19)	8,029
Baru [2]	4	5	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	99
San Gabriel	4	4	Amer.	States S. S. Co	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,456
Auretta	4	4	Brit.	Andrew Weir & Co.	Suva, Fiji Islands	United Kingdom.	Raw sugar	8,315
Olympia Maru [2]	4	4	Jap.	Mitsubishi Trad. Co.	Kobe, Japan	Boston, Mass.	General	5,290
Luna [2]	4	7	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(20)	9
Sona [2]	4	5	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	33
Tuira [2]	4	5	Pan.	Julio Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	58
Winslow [5]	4	6	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	
Norden [2]	4	5	Dan.	Kawasaki K. Kaisha	Kobe, Japan	New York, N. Y.	General	4,828
Liberty Glo	5	5	Amer.	Amer.-For. S. S. Corp.	Olympia, Wash.	New York, N. Y.	Lumber	6,759
Point Estero	5	5	Amer.	Swayne & Hoyt	Portland, Oreg.	Panama City, Fla.	Gen., lumber	5,339
Limalite [1]	4		Peru	International Pet. Co.	Balboa, C. Z.	Cristobal, C. Z.	Ballast	
Asuka Maru [2]	5	5	Jap.	Nippon Yusen Kaisha	Iloilo, P. I.	Boston, Mass.	(21)	9,580
Nebraskan	6	6	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	9,146
Pereira	6	13	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	424
Durazzo	6	8	Ger.	Hamburg-Amer. Line.	Guayaquil. Ecua.	Cristobal, C. Z.	General	1,238
Red Wing [5]	6		Amer.	D. C. Gray	Balboa, C. Z.	Cristobal, C. Z.	Ballast	
Virginia	6	7	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	8,439
Chilore	7	7	Amer.	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Niel Maersk [2]	6	8	Dan.	A. P. Moller	Cebu, P. I	New York, N. Y.	General	6,751
Santa Maria [2]	7	7	Amer.	Grace Line	San Antonio, Chile	New York, N. Y.	General	4,305
Ino [2]	7	8	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	385
Lieut. Col. H. C. Schumm. [4]	7		Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.		
Real [2]	7	8	Pan.	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	37
Clio [1] [2]	7	8	Pan.	Agwi Petroleum Corp.	Talara, Peru	S'ampton, Eng.	Crude oil	11,770
Oilreliance [1] [2]	8	8	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, N. W. I.	Gas oil	8,698
Trois Ilets	8	13	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee, wax	272
Robert Luckenbach.	8	9	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	9,065
Adula [1] [2]	9	9	Brit.	Asiatic Petroleum Co.	S. Francisco, Cal.	Curacao, N. W. I.	Gasoline	11,510
Montanan	9	9	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	7,150

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [9] Destroyer. [13] Patrol vessel. [14] Sugar, canned pineapples. [15] Naphtha, kerosene. [16] Coffee, ivory nuts. [17] Sugar, pineapples, canex. [18] Sugar, rice, silk. [19] Canned pineapples. [20] Plantains, lumber. [21] Sugar, oil, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Marionga J. Goulandris.	9	9	Greek.	Cia. Gle de Dabacos Philippinas.	Iloilo, P. I.	East coast, U. S.	Sugar	8,708
Chateau Thierry [8]	5	10	Amer.	U. S. Army	Balboa, C. Z.	Brooklyn, N. Y.	Supplies	92
Integritas	9	9	Ital.	S. A. Neva Genuensis	SanAntonio,Chile	Azores [13]	Copper, nit.	7,400
Dresden [2]	9	10	Ger.	Nortb German Lloyd.	Corral, Chile	Bremen, Ger.	General	6,522
Korana	9	9	Y-Slav.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Azores [13]	Nitrate	7,950
Katsuragi Maru [2]	9	10	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	Sugar, gen.	7,701
Portland [2]	10	10	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	7,316
Calmar	9	10	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Baltimore, Md.	Lum.,copper	6,462
Pennington Court	9	10	Brit.	Canadian Transp. Co.	Pt. Alberni, B. C.	Garston, England	Grain, lum.	8,279
Torvanger [2]	10	10	Nor.	Chile Nit. Sales Corp.	Tocopilla. Chile.	Azores [13]	Nitrate	9,975
Laila	10	10	Dan.	West Coast Line	Talcahuano,Chile	New York, N. Y.	Grain, nit.	2,560
San Bruno	10	10	Pan.	United Fruit Co.	Pto.Arm'les,R.P.	Mobile, Ala.	Bananas	612
Chesapeake [1] [2]	10	10	Brit.	Anglo-Amer. Oil Co.	El Segundo, Cal.	Hamburg, Ger.	Gasoline	12,762
Nebraska	10	12	Brit.	Royal Mail Lines	Victoria, B. C.	Rotterdam, Neth.	General	8,121
Washington	10	10	Amer.	Weyerhaeuser S. S. Co.	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	8,095
Texas Sun [1] [2]	10	10	Amer.	Sun Oil Co	Los Angeles, Cal.	Chester, Pa	Gasoline	14,840

[1] Tanker. [2] Motor ship. [8] Transport. [13] For orders.

Comparison of Traffic at the Suez and Panama Canals for the First Seven Months of the Calendar Years 1936 and 1937

The following is a comparison of traffic at the Suez and Panama canals for the first seven months of the calendar years 1936 and 1937:

Month	Suez Canal Number of transits 1936	Suez Canal Number of transits 1937	Suez Canal Percent Increase	Suez Canal Percent Decrease	Panama Canal Number of transits 1936	Panama Canal Number of transits 1937	Panama Canal Percent Increase	Panama Canal Percent Decrease
January	533	575	7.9	.....	472	399	.....	15.5
February	471	524	11.3	.....	452	377	.....	16.6
March	548	580	5.8	.....	526	536	1.9	.....
April	490	621	26.7	.....	482	473	.....	1.9
May	484	567	17.2	.....	488	544	11.5	.....
June	426	540	26.8	.....	481	472	.....	1.9
July	466	551	18.2	.....	456	457	0.2	.....
Total	3,418	3,958	15.8	.....	3,357	3,258	.....	3.0

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices, including the 20 percent surcharge, to individuals and companies, as of September 2, 1937:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.23
Brass, sheet, average	Lb.	.26
Bronze, Tobin, average	Lb.	.22
Gasoline, motor grade	Gal.	.105
Metal, yellow	Lb.	.26
Oakum, Navy, spun	Lb.	.20
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.29
Oil, burning, Colza	Gal.	1.02
Oil, engine, gas, light, in drums, No. 2135	Gal.	.24
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.29
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.24
Oil, kerosene, in drums	Gal.	.10
Oil, marine engine	Gal.	.38
Paint, lead, white, dry	Lb.	.11
Paint, lead, white, in oil	Lb.	.12
Paint, zinc oxide, dry	Lb.	.08
Paint, zinc oxide, in oil	Lb.	.11
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, No. 3, medium	Lb.	.06
Grease, yellow, cup, No. 5, hard	Lb.	.07
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.12
Waste, cotton, white	Lb.	.13

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES.

OILS, FORCE FEED AND MOTOR CYLINDER.

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motorcycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS.

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventive and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steam shovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies available for sale to ships at stock price cost plus 20 percent surcharge which covers local freight, handling, and other costs.

Tolls Charges for Transit of the Panama Canal

1. Merchant vessels carrying passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement..... $1.20
2. Vessels in ballast, without passengers or cargo, per net vessel ton (each 100 cubic feet) of actual earning capacity as determined by the Panama Canal Rules of Measurement..... .72
3. Naval vessels, other than transports, colliers, hospital ships, and supply ships, per displacement ton..... .50
4. Army and navy transports, colliers, hospital ships, and supply ships, the vessel to be measured by the same rules as are employed in determining the net tonnage of merchant vessels, per net ton..... 1.20
5. Tolls may not exceed the equivalent of $1.25 per net registered ton as determined by United States rules of measurement, nor be less than the equivalent of $0.75 per net registered ton so determined.
6. Vessels returning from Gatun Lake or original point of entry into the Canal, without passing through the locks at the other end, are charged tolls for one passage only.
7. Vessels transiting the Panama Canal from Cristobal to Balboa and return for the sole purpose of having repairs made at the Balboa drydock and shops will be exempt from payment of tolls, but a charge will be made for pilotage and for handling lines as provided for in the current tariff or supplements thereto.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from tanks of The Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $1.25 per barrel at Cristobal and Balboa; Diesel oil, $1.80 per barrel at Cristobal and Balboa.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repairs of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as ice, meats (including native beef), fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices. A modern laundry service is also available. Orders may be placed in advance by radio for prompt delivery on arrival at either terminal, or for delivery at the other terminal after transiting the Canal.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large, covered piers for the storage of cargo. These are modern structures: fireproof, rat proof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Information from American Consuls

The Consular officers of the United States at seaports all over the world are *ex officio* representatives of The Panama Canal for the purpose of furnishing information to shipping and allied interests as to conditions, charges, etc., at the Panama Canal affecting the operation of ships. The current publications of The Panama Canal of interest to shipping are furnished to the Consular officers and filed for reference.

It is not desired that inquiries of a general nature be addressed to the Consular officers, or that they be burdened with requests which should be made direct to The Panama Canal; but ships' operators who may not be sufficiently advised as to charges, supplies, facilities, etc., at the Canal will often save time by applying to the nearest American Consul.

Location of Patients and Visiting Hours at Gorgas Hospital

The following table shows the distribution of patients in the Gorgas Hospital buildings and the visiting hours for the various wards and sections:

Section and Ward.	Visiting Hours.
Section "A:"	
Ward 2	Wards: Tuesdays, Thursdays, and Saturdays, 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m. Sundays and holidays, 9.30 to 11.30 a. m.; 2.00 to 4.00 p. m.
Ward 3	
Ward 4, Private rooms	Private rooms: Same as Section "B."
Section "B:"	
Ward 5, Male, private rooms, American boys	Daily, 9.30 to 11.00 a. m.; 2.00 to 4.30 p. m.; 6.30 to 8.00 p. m.
Ward 6, Foreign, male and female, private rooms, American girls	
Ward 7, White females, private rooms	
Ward 8, Obstetrical department, white females	
Nursery	No visitors permitted in nursery.
Section "C:"	
Ward 9, Colored, male	Colored wards: Wednesdays, Fridays, Sundays, and holidays, 1.00 to 2.30 p. m. Visitors from Atlantic Side may remain until 3.00 p. m.
Ward 10, White foreign, male	
Ward 11, Colored, male (surgical)	
Ward 12, Colored, male (medical)	
Ward 13, Colored, male, G. U	
Ward 14, White, male, G. U	Tuesdays, Thursdays, Saturdays, 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m. Sundays and holidays, 9.30 to 11.00 a. m.; 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m.
Section "D:"	
Ward 15, American, male (surgical)	Tuesdays, Thursdays, Saturdays, 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m. Sundays and holidays, 9.30 to 11.00 a. m.; 2.30 to 4.30 p. m.; 6.30 to 7.30 p. m.
Ward 16, American, male (medical)	
Ward 17, Colored children	Wednesdays, Fridays, Sundays, and holidays, 1.30 to 3.00 p. m.
Ward 18, White children	Daily, 9. 30 to 11.00 a. m.; 2.00 to 4.30 p. m.
Ward 19, Colored, female (medical)	Wednesdays, Fridays, Sundays and holidays, 1.00 to 2.30 p. m. Visitors from Atlantic Side may remain until 3.00 p. m.
Ward 20, Colored, female, surgical, obstetrical	
Isolation section	No visitors permitted except adults to visit tuberculosis patients, Thursdays, Sundays and holidays, 1.30 to 3.00 p. m.

Permission to visit outside of visiting hours may be granted upon application to the Superintendent's office.

Immediate relatives of seriously ill patients will be admitted at any time by and in the discretion of the attending physician, section nurse, and in her absence, the nurse in charge.

Hours of Departure of Passenger Trains

Following are the hours of departure of the regular passenger trains of the Panama Railroad running between the Atlantic and the Pacific sides:

From Colon: Daily, 7:25 a. m.; 11 a. m.; 4:55 p. m.; 10 p. m.

From Panama: Daily, 7:10 a. m.; 1:10 p. m.; 5 p. m.; 7:55 p. m.

The time required for passage from one terminal to the other is 1 hour and 25 minutes.

Binders for The Panama Canal Record

Cardboard covers, punched and fitted with brass fasteners forming binders for THE PANAMA CANAL RECORD are offered for sale at 25 cents a set, for the benefit of those who wish to keep a file of the issues for ready reference. Orders may be addressed to The Panama Canal, Balboa Heights, Canal Zone, or The Panama Canal, Washington, D. C.

Trips Through the Canal

The following lines operating passenger vessels through the Canal carry local passengers from one terminal to the other: Dollar Line, Grace Line, Hamburg-American Line, Johnson Line, Navigazione Generale Italiana, North German Lloyd, Pacific Steam Navigation Co., Panama Mail Steamship Co. The Panama Pacific Line carries such passengers from Balboa to Cristobal only. The Hamburg-American Line, North German Lloyd, Panama Mail Line, Dollar Line, Grace Line, and Johnson Line, charge $6 for the trip, the others $10 for first-class passage. The Panama Pacific Line has also a rate of $6 for tourist class. The several services together afford about 4 transits of the Canal each way every week.

THE PANAMA CANAL RECORD

OFFICIAL PUBLICATION OF THE PANAMA CANAL

PUBLISHED MONTHLY

Subscription rates, domestic, $0.50 per year; foreign, $1.00; address The Panama Canal Record, Balboa Heights, Canal Zone, or, for United States and foreign distribution, The Panama Canal, Washington, D. C.

Entered as second-class matter February 6, 1918, at the Post Office at Cristobal, C. Z., under the Act of March 3, 1879.

Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Volume XXXI Balboa Heights, C. Z., October 15, 1937 No. 3

Traffic Through the Panama Canal in September 1937

The total vessels of all kinds transiting the Panama Canal during the month of September 1937, and for the same month in the two preceding years, are shown in the following tabulation:

	September 1935	September 1936	September 1937		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	391	466	228	216	444
Small commercial vessels [1]	53	33	45	34	79
Noncommercial vessels:					
United States Government	24	17	17	11	28
Colombian Government	1	2	1	.....	1
For repairs	.....	1	2	3	5
Total	469	519	293	264	557

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month for the 12 months ended September 30, 1937, as compared with the same period in the previous year:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7
October	441	482	2,357,640	2,499,678	2,228,536	2,463,069	$1,964,076.81	$2,081,758.23
November	418	368	2,165,559	1,768,738	2,050,422	1,747,368	1,796,820.57	1,488,054.25
December	459	341	2,382,602	1,655,501	2,187,731	1,538,503	1,997,206.74	1,366,388.58
January	472	399	2,411,073	1,915,787	2,148,935	1,855,937	2,018,543.52	1,598,323.51
February	452	377	2,322,013	1,940,611	2,155,031	1,839,788	1,952,682.73	1,602,306.30
March	526	536	2,714,768	2,770,451	2,634,150	3,016,418	2,293,874.51	2,355,149.04
April	482	473	2,483,561	2,460,549	2,430,134	2,652,880	2,079,730.70	2,067,026.68
May	488	544	2,504,215	2,839,127	2,419,652	2,950,925	2,081,103.73	2,376,706.36
June	481	472	2,449,127	2,450,018	2,459,752	2,670,466	2,073,359.39	2,070,337.89
July	456	457	2,364,539	2,395,306	2,450,324	2,476,366	1,999,105.18	2,029,642.45
August	473	505	2,398,306	2,597,119	2,396,331	2,780,603	2,051,540.28	2,195,308.87
September	466	444	2,428,317	2,312,725	2,526,366	2,385,142	2,045,440.82	1,935,673.78
Total	5,614	5,398	28,981,720	27,605,610	28,087,364	28,377,465	24,353,484.98	23,166,675.94

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

SMALL COMMERCIAL TRAFFIC

The following statement shows the number of small commercial vessels under 300 net tons measurement (Panama Canal net), which transited the Panama Canal during the month of September 1937. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	45	2,345	$2,185.36	830
Pacific to Atlantic	34	1,724	1,903.22	1,912
Total	79	4,069	4,088.58	2,742

Traffic by Nationality of Vessels[3] for September 1937

Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo	Nationality	No. of ships	Panama Canal net tonnage	Tons of cargo
British	102	592,254	593,994	Netherlands	19	58,947	61,018
Danish	15	60,552	59,021	Norwegian	46	232,898	260,157
French	9	49,185	44,677	Panamanian	18	51,934	50,597
German	31	133,111	166,094	Swedish	10	49,465	73,024
Greek	4	17,806	33,104	United States	158	891,672	864,607
Honduran	4	6,820	1,615	Yugoslav	2	8,397	16,001
Italian	3	18,851	8,595				
Japanese	23	140,833	152,638	Total	444	2,312,725	2,385,142

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Trade Routes, September 1937

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do no necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route.

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	52	311,015	191,764	56	322,654	422,644
East coast United States and:						
Canada	2	9,211	.....	4	17,242	26,182
Central America	4	7,956	.....	4	7,956	2,781
South America	17	78,967	24,897	13	53,367	121,311
Hawaiian Islands	3	15,458	11,653	8	41,078	60,490
Balboa	.....	.....	.....	2	7,133	8,412
Australasia	8	50,015	52,921	2	10,511	14,249
Philippine Islands	9	60,432	48,171	16	97,666	116,314
Far East	32	170,085	244,483	7	39,494	38,471
Canadian intercoastal	1	4,382	8,300	.....	.....	.....
East coast Canada and:						
United States	1	5,994	.....	.....	.....	.....
South America	3	16,431	3,383	3	17,054	33,924
Australasia	5	28,281	22,892	5	27,865	34,244
East coast Central America and:						
South America	1	4,069	7,353	.....	.....	.....
Australasia	1	4,345	7,301	.....	.....	.....
South American intercoastal	2	6,112	11,743	.....	.....	.....
East coast South America and:						
Far East	1	5,821	3,938	2	9,279	9,836
United States	1	4,962	4,301	.....	.....	.....
Canada	1	4,375	3,854	.....	.....	.....
Cristobal and:						
Central America	4	3,727	4,353	4	3,727	2,138
South America	11	6,273	3,225	13	8,012	9,997
West Indies and:						
United States	1	5,902	.....	5	22,316	45,566
South America	1	5,099	10,126	2	11,533	22,408
Europe and:						
United States	12	60,863	19,470	8	40,419	61,578
Canada	19	113,941	46,962	22	126,780	169,136
Central America	.....	.....	.....	2	6,225	5,892
South America	20	119,724	60,123	22	118,597	198,121
Australasia	11	92,572	74,539	9	67,376	55,320
Far East	1	6,382	7,330	1	4,125	5,687
Africa and Canada	1	5,409	8,768	.....	.....	.....
Egypt and South America	.....	.....	.....	3	12,232	23,530
Asia and United States	.....	.....	.....	1	2,023	853
Around the world	2	17,673	8,253	1	7,006	5,955
Foreign vessels in ballast (United States intercoastal)	1	4,486	.....	.....	.....	.....
Vessels not engaged in commerce	.....	.....	.....	1	1,093	.....
Total	228	1,229,962	890,103	216	1,082,763	1,495,039

Origin and Destination of Cargo by Major Areas, September 1937

The following table summarizes the origin of cargo passing through the Canal in September 1937, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	200,108	12,515	289,447	24,427	38,533	565,030
Other North America	5,021	10,078	697	29,902	44,591	90,289
Europe	46,566	17,435	7,330	54,136	74,270	199,737
Miscellaneous	8,388	10,843	3,938	11,619	259	35,047
Total	260,083	50,871	301,412	120,084	157,653	890,103

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	417,564	56,020	129,326	3,748	606,658
Canada	23,851	1,443	98,911	1,874	126,079
Other North America	72,429	2,618	6,133	.....	81,180
South America	118,091	71,094	196,576	23,530	409,291
Australasia	16,091	32,417	55,305	.....	103,813
Asia	148,672	3,718	5,687	9,941	168,018
Total	796,698	167,310	491,938	39,093	1,495,039

Principal Commodities

Commodities which aggregated 10,000 or more tons either during September 1937, or in September 1936, are listed below:

Commodity	September		Commodity	September	
	1936	1937		1936	1937
Atlantic to Pacific			*Pacific to Atlantic*		
Ammonium compounds	4,819	12,011	Asphalt and tar	11,133	11,487
Asphalt and tar	21,101	25,640	Barley	41,284	19,906
Automobiles and parts	19,450	25,816	Beans	8,965	16,914
Canned goods, various	19,981	14,924	Canned goods	188,694	159,640
Cement	21,673	20,929	Coffee	11,793	10,486
Chemicals	11,439	9,375	Cold storage (food products) [4]	25,620	18,442
Coal and coke	22,367	16,961	Cotton, raw	11,912	10,896
Corn	3,006	11,828	Flour	26,838	23,877
Cotton, raw	24,594	9,977	Fruit, dried	38,523	24,714
Iron and steel	154,530	194,541	Fruit, fresh [5]	19,153	13,379
Machinery	14,830	13,682	Lumber	237,882	245,929
Manufactured goods	6,147	12,461	Metals, various	64,286	52,423
Metals, various	14,185	77,298	Nitrates	72,454	90,077
Oils, mineral	52,942	61,567	Oils, mineral	342,035	261,212
Ores, various	10,096	4,771	Oils, vegetable	9,687	15,284
Paper	43,608	50,750	Ores, various	152,698	134,281
Phosphates	38,008	32,461	Paper	10,740	13,542
Sand	13,204	7,518	Rice	4,888	12,483
Scrap metal	108,253	60,331	Rubber	8,829	12,220
Slag	.....	14,522	Sugar	130,830	160,347
Sulphur	13,583	19,223	Wheat	104,032	16,823
Tinplate	13,358	16,807	Wood pulp	20,135	27,568
Wood pulp	7,078	10,729	.....	.....	.....

[4] Except fresh fruit. [5] Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of September 1937, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;"

the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	221	.....
Agricultural implements	1,276	103	6,938	957
Alfalfa meal	.....	519	.....	519
Ammonium compounds	78	.....	12,011	.....
Animal foods [6]	12	85	12	85
Apparel, wearing (hats, shoes, clothing, etc.)	121	12	128	20
Asbestos	427	354	1,478	400
Asphalt and tar	262	11,068	25,640	11,487
Automobiles (and autotrucks)	1,276	79	20,091	84
Automobile parts and accessories	680	85	5,725	89
Bags and bagging, textile	139	66	485	166
Bamboo and products	.....	4	.....	342
Bananas	.....	.....	.....	4,252
Barks, miscellaneous	12	26	187	366
Barley	.....	21	.....	19,906
Beans, edible, dry	82	4,461	109	16,914
Beer	.....	.....	90	.....
Beverages, nonalcoholic	23	.....	23	.....
Blood and tankage	.....	.....	48	.....
Bones and bone meal	.....	.....	1,172	333
Books and printed matter	74	63	139	63
Borax	25	348	49	9,046
Bran and pollards	.....	41	.....	1,652
Bricks and tile	385	28	1,214	28
Camphor, crude	.....	.....	.....	56
Canned and preserved goods:				
Fish	202	14,998	446	27,059
Fruit	869	41,650	935	106,250
Meat	51	385	1,562	955
Milk	68	127	307	402
Soup	7,240	.....	7,303	.....
Vegetables	2,232	10,587	2,301	10,812
Miscellaneous and unclassified	1,152	11,147	2,070	14,162
Carbon black	44	.....	1,024	.....
Celite	.....	1,212	.....	1,212
Cement	640	.....	20,929	.....
Chalk	.....	.....	1,128	.....
Charcoal	83	.....	83	.....
Chemicals [6]	2,977	4,905	9,375	5,754
Clay, china and fire	897	20	1,162	20
Clay, filtering	500	28	500	28
Coal	2,309	.....	4,385	.....
Cocoa and cacao beans	267	.....	701	1,346
Coconuts and products [6]	111	551	388	1,459
Coffee	33	.....	5,140	10,486
Coke	.....	.....	12,576	.....
Cold storage and refrigerated products:				
Dairy products	151	.....	342	6,536
Eggs	.....	.....	3	483
Fish	29	.....	128	361
Lard	431	.....	710	36
Meats	67	.....	300	10,378
Poultry	146	217	146	217
Vegetables	.....	279	20	286
Other and unclassified	.....	145	75	145
Confectionery	440	.....	457	.....
Copra	.....	74	52	9,449
Copra meal and cake	.....	.....	.....	540
Corn	.....	.....	11,828	.....
Cotton, raw	100	271	9,977	10,896
Creosote	.....	.....	55	.....
Drugs and medicines	1,715	3	2,233	3
Dyes	.....	.....	437	.....
Earthenware	.....	.....	148	.....
Eggs, dried	.....	.....	.....	18
Electrical apparatus and appliances	1,010	223	1,970	397
Enamelware and metalware	248	4	399	253
Explosives	.....	.....	706	30
Extract, quebracho	.....	.....	1,210	.....
Fertilizers [6]	.....	.....	3,120	241
Fish meal	.....	252	61	8,272
Floor coverings	1,882	1,234	2,238	2,544
Flour	331	20,661	751	23,877
Fruit, dried	167	12,973	196	24,714
Fruit, fresh [6]	.....	7,490	98	13,379
Furniture and household goods	226	62	493	65
Gallnuts	.....	.....	.....	80

[6] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
General	20,815	3,626	48,587	11,775
Glass and glassware	2,077	411	5,311	1,294
Glue	28	34	28	34
Grains [6]	.....	.....	5	50
Groceries	1,223	446	1,359	1,413
Gums	5	90	11	265
Hair, all kinds	67	59	69	226
Hay	.....	151	29	157
Hemp, unmanufactured	94	.....	119	1,773
Honey	.....	216	.....	651
Infusorial earth	.....	614	60	925
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	74,674	1,038	194,541	1,918
Ivory nuts	21	.....	563	2,501
Jute, unmanufactured	50	.....	385	.....
Lard substitute	107	.....	139	44
Liquors	3,021	325	4,939	346
Lumber (including manufactured mill products)	1,817	137,269	3,422	245,929
Machinery	2,178	881	13,682	1,192
Malt	.....	.....	592	81
Manufactured goods [6]	5,777	432	12,461	2,729
Marble and granite	54	.....	308	.....
Matches	85	121	153	121
Metals:				
Antimony	.....	.....	50	.....
Copper	79	2,388	1,616	35,895
Gold and silver	.....	.....	1	18
Iron	2,205	.....	70,025	65
Lead	27	2,066	2,335	10,436
Tin	25	34	948	1,230
Zinc	40	.....	1,056	4,179
Other and unclassified	262	.....	1,267	600
Milk, powdered	28	1,071	58	1,181
Molasses and syrups	269	.....	401	8,000
Nitrate	5,850	.....	7,086	90,077
Nuts, edible (including meats)	.....	92	77	1,134
Oats	152	4	190	2,675
Oils, mineral:				
Crude	31	465	35	71,378
Gas and fuel	38	.....	36,715	41,467
Gasoline, benzine, and naphtha	.....	64,558	3,502	126,822
Kerosene	.....	.....	.....	21,192
Lubricating and greases	5,440	102	21,287	353
Other and unclassified	28	.....	28	.....
Oils, vegetable:				
Coconut	.....	.....	17	9,866
Cottonseed	.....	.....	67	8
Linseed	138	.....	864	.....
Olive	123	.....	220	.....
Rapeseed	.....	.....	10	476
Teaseed	.....	.....	.....	19
Wood	26	.....	49	3,202
Other and unclassified	266	181	673	1,732
Oil, fish	14	.....	36	134
Oil, whale	.....	718	20	779
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	152	.....	726	247
Oilseed cake and meal	.....	.....	.....	6,661
Ores:				
Antimony	.....	.....	.....	1,825
Chrome	.....	.....	.....	2,000
Copper	.....	836	.....	4,499
Gold and silver	.....	.....	3,200	744
Iron	176	.....	369	97,103
Lead	.....	.....	.....	2,726
Magnesite	.....	2,538	.....	3,018
Manganese	.....	.....	.....	3,384
Tin	40	.....	70	3,992
Zinc	45	.....	161	13,153
Other and unclassified	18	16	971	1,837
Paints and varnishes	917	82	2,874	126
Paper and paper products [6]	12,099	6,781	50,750	13,542
Peanuts	249	.....	249	38
Peas, dry	.....	599	.....	836
Peatmoss	.....	.....	1,684	.....
Phosphates	1,193	.....	32,461	.....
Porcelainware	248	136	852	5,588
Potash	93	2,873	6,561	2,873
Pyrethrum flowers	.....	.....	.....	242
Rags and waste	231	136	457	1,181
Railroad material	40	.....	472	.....

[6] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rice	39	.....	541	12,483
Rope and twine	73	46	231	165
Rosin	1,266	10	3,015	10
Rubber:				
Manufactured	515	539	1,053	1,167
Raw	.....	.....	79	10,952
Scrap	.....	29	338	101
Salt	96	314	7,075	332
Sand	.....	.....	7,518	800
Scrap metal	296	206	60,331	737
Seeds (except oilseeds)	.....	433	377	1,276
Shells, oyster	135	.....	489	58
Silk, raw	.....	303	174	3,645
Skins and hides	27	1,014	481	5,291
Slag	750	.....	14,522	.....
Slate	995	.....	1,195	.....
Soaps and products	1,447	41	1,736	87
Soda and sodium compounds:				
Soda ash	299	.....	821	341
Soda, caustic	232	.....	1,455	.....
Miscellaneous and unclassified	479	.....	1,198	63
Soy beans	632	.....	712	37
Sugar	146	9,866	493	160,347
Sulphur	13,423	.....	19,223	746
Talc	27	.....	27	5
Tallow	60	452	116	1,615
Tea	.....	.....	70	1,297
Textiles [7]	3,218	3	8,990	7,548
Tinplate	325	45	16,807	45
Tobacco and manufactures	351	1	3,163	246
Toilet preparations	328	.....	363	214
Turpentine	112	.....	616	.....
Vegetables, dry [6]	.....	.....	263	158
Wallboard	208	100	230	1,573
Wax, paraffin	37	.....	1,100	3
Wheat	.....	2,426	196	16,823
Wines	231	1,081	686	2,083
Wood pulp	28	20,303	10,729	27,568
Wool	208	2,102	209	5,355
Total, September 1937	200,108	417,564	890,103	1,495,039
Total, September 1936	272,244	450,009	834,741	1,691,625
Total, September 1935	166,183	486,034	581,334	1,413,153

[6] Except as otherwise classified. [7] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of September 1937, according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	5	28,608	.....	7	41,770	[8] 75,601
East coast United States and:						
South America	1	4,172	7,501	.....	.....	.....
Hawaiian Islands	.....	.....	.....	1	4,412	[9] 7,321
East coast Canada and:						
United States	1	5,994	.....	.....	.....	.....
South America	2	12,995	.....	3	17,054	33,924
East coast Central America and South America	1	4,069	7,353	.....	.....	.....
South American intercoastal	1	5,071	10,804	.....	.....	.....
West Indies and:						
United States	1	5,902	.....	5	22,316	45,566
South America	1	5,099	10,126	2	11,533	22,408
Europe and:						
United States	3	18,562	.....	3	16,592	32,338
South America	5	34,905	.....	5	30,070	61,564
Total	21	125,377	35,784	26	143,747	278,722

[8] Includes 11,043 tons of petrolastic asphalt. [9] Molasses.

Comparison of Canal Traffic in September 1937, with September Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of September			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1914	53	[10] 217	323	1915	[11] 100	361	466
1915	98	349	464	1916	60	199	258
1916	149	503	644	1917	145	483	588
1917	174	570	723	1918	165	547	627
1918	173	522	547	1919	162	510	576
1919	168	586	638	1920	199	712	781
1920	247	1,007	1,009	1921	232	950	966
1921	216	924	754	1922	222	951	907
1922	238	1,070	1,138	1923	325	1,550	1,631
1923	409	2,044	2,168	1924	429	2,179	2,249
1924	391	1,975	2,112	1925	382	1,904	1,996
1925	380	1,830	1,891	1926	424	2,064	2,169
1926	431	2,185	2,238	1927	441	2,184	2,311
1927	524	2,531	2,396	1928	521	2,453	2,468
1928	482	2,294	2,312	1929	524	2,485	2,554
1929	502	2,423	2,431	1930	502	2,497	2,502
1930	446	2,312	2,058	1931	447	2,314	2,089
1931	385	2,069	1,753	1932	364	1,968	1,650
1932	338	1,867	1,345	1933	347	1,900	1,513
1933	385	2,095	1,795	1934	436	2,379	2,059
1934	435	2,332	2,142	1935	432	2,317	2,109
1935	391	2,095	1,994	1936	449	2,335	2,209
1936	466	2,428	2,526	1937	470	2,421	2,531
1937	444	2,313	2,385	[12]	467	2,409	2,514

[10] Canal opened August 15, 1914. [11] Average for 10½ months. [12] Average 9 months of calendar year 1937.

Terminal Activities

Ships repaired during the month of September 1937, numbered 47; of this number 5 were drydocked. Fuel oil in the quantity of 234,043 barrels was delivered as bunkers to 121 commercial ships. Bunker coal amounting to 10,820 tons was delivered to 29 commercial ships. Sales of commissary supplies to ships aggregated $48,492.84.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ... tons	18,923	10,914	29,837
Local cargo shipped ... tons	2,941	2,105	5,046
Cargo received for transshipment ... tons	45,023	796	45,819
Cargo transshipped ... tons	42,925	748	43,673
"Canal Zone for Orders" cargo:			
Number of receipts issued	9	1	10
Number of releases issued	31	10	41
Tons received	37	1	38
Tons withdrawn	45	14	59

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	515	3,077,156	1,817,185	485	2,813,500	1,672,448
Vessels entering port but not transiting Canal	59	303,681	172,638	11	41,122	24,113
Vessels transiting Canal and handling passengers and cargo at terminal ports	134	860,785	499,625	101	675,808	390,623
Ships clearing						
All vessels, including those transiting Canal	514	3,052,570	1,800,805	487	2,810,477	1,670,067
Vessels clearing port but not transiting Canal	60	299,500	170,389	11	41,011	24,017
Vessels transiting Canal and handling passengers and cargo at terminal ports	133	847,540	491,256	101	665,041	383,752

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, September 10, 1937, to midnight, October 10, 1937. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Istmo, 0, 315
Curaca, 100, 0
Haiti, 45, 1,191
Toloa, 549, 286
Nuevo Panama, 234, 102
Guayaquil, 0, 492
Samuel Bakke, 410, 421
Cerigo, 1,277, 210
Pereira, 0, 1,334
Trois Ilets, 0, 83
Colombia, 115, 24
Margaret Johnson, 105, 295
Ino, 413, 71
Oregon, 84, 147
Cuba, 98, 930
Chincha, 24, 175
Veragua, 16, 204¼
Orduna, 24, 15 pkgs.
Frank, 10, 0
Santa Elena, 250, 54
Drechtdijk, 195, 170
Santa Inez, 288, 15
Orestes, 71, 494
Cefalu, 342, 481
Alabama, 298, 0
Sesostris, 0, 1,009
Acajutla, 945, 963
President Taft, 208, 0
San Antonio, 12, 11
Zacapa, 209, 0
Schwaben, 406, 779
Marchen Maersk, 647, 101
San Vincente, 191, 6
Santa Lucia, 215, 11
Marore, 9,843, 0
Cristobal, 3,245, 695
Santa Paula, 49, 257
Quirigua, 30, 4
Canada, 10, 0
Axel Johnson, 59, 155
Abangarez, 391, 451
Karnak, 279, 0
Weser, 353, 100
Clio, 564, 157
Mantilla, 4,190, 0
Invercorrie, 983, 0
Cali, 1,333, 0
Chipana, 63, 15
Phoenicia, 0, 375
Colombia, 0, 1,565
Calamares, 345, 306
Durazzo, 0, 216
Pastores, 169, 620
Feodosia, 89, 0
Caribia, 123, 34
Muenchen, 61, 128
Istmo, 756, 213
Quirigua, 72, 274
Assuan, 8, 24
Kwansai Maru, 832, 15½
Kiyokawa Maru, 1,150, 21
Pasajero, 21, 24
Santa Clara, 461, 71
Lysefjord, 3½, 804
Contessa, 456, 267
R. L. Hustler, 1, 0
Mayan, 364, 1,336
San Marcos, 319, 38
Tia Juana, 2,927, 878
Director, 236, 0
Vancouver, 71, 229
Rhein, 17, 774
Taronga, 835, 11
Ruth Lykes, 627, 959
Limon, 164, 0
Santa Maria, 180, 24
Delftdijk, 62, 106
Noto Maru, 885, 1
Arica, 203, 735
Buenaventura, 1,388, 550
Peten, 29, 12
Trois Ilets, 390, 0
Ino, 311, 397
Metapan, 495, 395
Lochkatrine, 135, 234
Manizales, 1,254, 680
West Ira, 64, 20
San Jose, 121, 54
Ulua, 650, 203
Colombia, 136, 1,059
Nuevo Panama, 0, 76
Istmo, 503, 277
Margaret Lykes, 733, 174
Loreto, 324, 0
Caribia, 30, 1,511
Amasis, 108, 72
Peten, 17, 332
Ville de Strasbourg, 0, 11
Brasil, 187, 165
Fernwood, 1, 0
Seattle, 386, 282
Erlangen, 177, 46
Santa Rosa, 197, 27
Santa Barbara, 346, 16
Salvador, 451, 739
Cefalu, 286, 356
Venezuela, 63, 5
Nuernberg, 131, 325
Oropesa, 70, 1,336
Flandre, 78, 800
Ancon, 3,311, 941
Jefferson Myers, 569, 0
Olancho, 318, 0
Bodegraven, 72, 455
Kano Maru, 344, 0
Poseidon, 454, 0
Pacific Exporter, 0, 63
Flandre, 0, 700
Ancon, 0, 941
Salvador, 0, 739
Veragua, 40, 68
Allister, 319, 52
Sixaola, 382, 445
Santa Inez, 7, 146
Santa Elena, 441, 262
Trois Ilets, 350, 56
Chisome, 200, 362
Cali, 0, 348
Elbe, 179, 618
Toloa, 612, 118
Haiti, 140, 833
Planter, 307, 49
Orazio, 5, 162
Nankai Maru, 746, 79
Clio, 477, 218
Venezuela, 0, 673
Cerigo, 1,199, 305
Istmo, 752, 145
Wisconsin, 203, 183
Santa Rita, 214, 0
Veragua, 38, 180
Newsome, ½, 643
Dusseldorf, 91, 170
Nansenville, 20, 131
Contessa, 219, 191
Periera, 411, 860
Buenos Aires Maru, 0, 315
Santa Clara, 170, 5
Lobos, 2, 182
Anna Maersk, 743, 14
Rhokotis, 114, 342
Guayaquil, 1,976, 460
Quirigua, 106, 9
Comayagua, 288, 0
Tivives, 567, 184
Lochgoil, 129, 189
Fella, 332, 53
Costa Rica, 79, 39
Dinteldijk, 230, 70
Ino, 587, 171
Erria, 9, 0
Pastores, 209, 902
Calamares, 499, 345
Nuevo, 234, 256
Cerigo, 0, 232
Durazzo, 1,292, 112
Port Darwin, 31, 0
Benjamin Franklin, 5, 189
Buenos Aires, 0, 111
Washington, 146, 212

BALBOA

Pennsylvania, 0, 65
Santa Rita, 67, 9
President Monroe, 10, 10
Samuel Bakke, 527, 0
Talamanca, 368, 15
Santa Elena, 129, 1
Santa Inez, 1, 0
Acajutla, 1, 0
Schwaben, 373, 0
Orestes, 183, 244
Cuzco, 3, 0
Kekoskee, 7,326, 0
Santa Lucia, 113, 0
Santa Paula, 10, 102
Grant, 6, 7
Weser, 1,110, 152
Chipana, 80, 0
Antigua, 312, 6
Santa Clara, 23, 1
Taronga, 288, 0
Santa Maria, 84, 13
Kanawha, 7,709, 0
President Adams, 2, 0
Virginia, 0, 125
Chiriqui, 441, 48
Santa Rosa, 75, 4
Salvador, 2, 0
Santa Barbara, 0, 10
Mayan, 0, 91
Chisone, 237, 0
Bodegraven, 283, 0
Ludington, 62, 52
Republic, 250, 9
Santa Inez, 3, 0
Santa Elena, 129, 0
Chateau Thierry, 373, 27
Duesseldorf, 135, 0
Santa Rita, 50, 1
Anna Maersk, 236, 0
Rakuyo Maru, 17, 0
Santa Clara, 95, 15
Santa Maria, 11,910, 0
Belita, 9,422, 0
California, 0, 137
Pres. Harrison, 11, 0
Antigua, 257, 3

NOTE.—Figures shown resresent short tons of 2,000 pounds.

Passengers

Ocean-ship passengers disembarking at Cristobal numbered 2,737; embarking 2,305; at Balboa, 1,256 disembarking and 1,229 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 5,983, from the Pacific to the Atlantic, 3,264. Aircraft numbering 57 entered Cristobal, and 196 passengers disembarked; clearances were 56, with 206 passengers embarking; at Balboa entries of aircraft were 62, with 115 passengers disembarking; clearances, 62, with 99 passengers embarking.

Provisions Required by Ships

The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, tobacco, etc., which are sold to ships at reasonable prices. Beef especially is available at low prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery or for delivery at the other terminal after transit.

Movements of Ocean Vessels Through the Panama Canal

From midnight September 10, 1937, to midnight October 10, 1937

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
President Monroe	11	11	Amer.	Dollar Line	Boston, Mass.	S. Francisco, Cal.	(14)	4,343
Santa Rita [2]	10	11	Amer.	Grace Line	New York, N. Y.	Antof'gasta, Chile	General	2,110
Babbitt [9]	3	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
City of Brisbane	10	11	Brit.	Amer. & Aust. Line	Philadelphia, Pa.	Frem'tle, Aust'lia	Gen., mach.	6,760
Soloy [2]	10	11	Nor.	Canadian-Gulf Line	Houston, Tex.	Powell Riv., B. C.	Ballast	.....
Palo Seco [2]	8	27	C. R.	Bananera de C. R.	Cristobal, C. Z.	Puntarenas, C. R.	Ballast	.....
Germanic	10	11	Brit.	North German Lloyd.	Tampico, Mex.	Adelaide, Aus'lia.	General	7,859
City of Canberra	10	12	Brit.	Mont.-Aust. N. Z. Line	Montreal, Canada	Melbo'ne, Aus'lia	General	5,538
Ohioan	10	11	Amer.	Amer.-Hawaiian Line.	Charleston, S. C.	San Diego, Calif.	General	3,312
Ronda [2]	10	11	Nor.	Mitsui Bussan Kaisha	Philadelphia, Pa.	Moji, Japan	(15)	7,440
Sage Brush	11	11	Amer.	Shepard S. S. Co.	Boston, Mass.	Seattle, Wash.	General	5,040
Hermonthis [2]	10	11	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	5,415
Alaskan	11	11	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,561
La Plata Maru [2]	11	12	Jap.	Osaka Shosen Kaisha.	Buenos Aires, Arg.	Kobe, Japan	Cotton, gen.	3,938
Komaki Maru [2]	11	11	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	General	6,916
Firmore	9	11	Amer.	Ore S. S. Corp.	New York, N. Y.	Cruz Gr'de, Chile	Ballast	.....
Katrina Luckenbach.	11	12	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	General	3,069
Istmo	3	11	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	400
Hollywood	11	12	Amer.	McCormiek S. S. Co.	Norfolk, Va.	S. Francisco, Cal.	General	4,455
Pacific Ranger [2]	12	12	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	867
American Oriole	12	13	Amer.	McCormick S. S. Co.	Philadelphia, Pa.	Seattle, Wash.	General	6,921
Margaret Johnson. [2]	12	12	Swed.	Johnson Line	Stockholm, Swed.	Seattle, Wash.	General	3,314
Samuel Bakke [2]	11	13	Nor.	Knut Knutsen, O.A.S.	Goth'burg, Swed.	Valparaiso, Chile.	(16)	2,706
Nuevo Panama [2]	11	12	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	100
Sambu [2]	11	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	11	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Oregon [2]	12	13	Fr.	French Line	Havre, France	Vancouver, B. C.	(17)	7,468
Temple Moat	12	13	Brit.	Temple S. S. Co.	New York, N. Y.	Yawata, Japan	Scrap iron	7,397
Ino [2]	12	13	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	64
Marian Otis Chandler.	12	13	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Seattle, Wash.	General	3,091
Peter Hurll [1] [2]	13	13	Pan.	Standard Oil of N. J.	Glasgow, Scot.	Talara, Peru	Ballast	.....
Cerigo	11	13	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	198
Chincha	13	13	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	2,693
Pereira	6	14	Pan.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	1,335
Trois Ilets	8	13	Fr.	French Line	Cristobal, C. Z.	Manta, Ecuador.	General	80
Point Arena	13	14	Amer.	Gulf-Pacific Line	Houston, Tex.	Tacoma, Wash.	General	5,089
Welcombe	13	14	Brit.	Andrew Weir & Co.	Liverpool, N. S.	Sydney, Australia	Newsprint	4,820
Arimisan Maru [2]	14	14	Jap.	Mitsui & Co.	Boston, Mass.	Kobe, Japan	Steel, mach.	6,425
Argual	14	14	Hond.	United Fruit Co.	Mobile, Ala.	Pto. Arm'les, R. P.	Ballast	.....
Luna [2]	14	14	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Clark [9]	15	...	Amer.	U. S. Navy	U. S. port	Balboa, C. Z.	Ballast	.....
Drechtdijk [2]	13	16	Neth.	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B. C.	General	4,275
Pennsylvanian	14	15	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	1,807
Elwood [1]	15	15	Amer.	Shell Oil Co.	Sewaren, N. J.	Los Angeles, Cal.	Ballast	.....
Steel Traveler	15	15	Amer.	Isthmian S. S. Lines.	New York, N. Y.	Port Said, Egypt.	Steel, gen.	9,124
Orestes	14	16	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	3,687
Limalite [1]	5	15	Peru	International Pet. Co.	Cristobal, C. Z.	Talara, Peru	Ballast	.....
Sambu [2]	14	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real [2]	14	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	14	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Enoch [3]	15	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	.....	.....
President Cleveland.	16	17	Amer.	Dollar Line	Boston, Mass.	Manila, P. I.	General	2,370
Athos [1] [2]	7	16	Nor.	Kawasaki K. Kaisha	London, England	W. coast, U. S. A.	Ballast	.....
Nollington Court.	15	16	Brit.	Canadian Transp. Co.	Montreal, Canada	Vancouver, B. C.	General	8,300
Alabaman	16	16	Amer.	Amer.-Hawaiian Line.	Jacksonville, Fla.	Seattle, Wash.	General	2,425
Rabaul [2]	16	16	Brit.	W. R. Carpenter & Co.	London, England	Sydney, Australia	Gen., cement	7,879
Lady Clara [5]	13	...	Amer.	B. W. Stephenson	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Santa Lucia	16	17	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	2,562
San Vincente	16	17	Amer.	Quaker Line	Albany, N. Y.	Seattle, Wash.	General	4,411
Hermion [2]	16	17	Nor.	K. K. K. Line	Tampa, Fla.	Yokohama, Japan	Phosphate	6,814
Iddesleigh	16	17	Brit.	W. J. Tatem & Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Andrea F. Luckenbach.	17	17	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,523
American Reefer [2]	17	17	Dan.	J. Lauritzen	Esbjerg, Denmark	Seattle, Wash.	Ballast	.....
Troilus	17	18	Brit.	Alfred Holt and Co.	Philadelphia, Pa.	Hongkong, China	Gen., steel	4,787
Lebore	17	17	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
San Ubaldo [1]	17	17	Brit.	Eagle Oil Co.	Tampico, Mexico	Valparaiso, Chile.	(18)	7,353
Canada [2]	17	17	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	General	413
Storanger [1] [2]	17	18	Nor.	Westfal, Larsen & Co.	Swansea, England	Lobitos, Peru	Ballast	.....
U. S. Grant [8]	17	18	Amer.	U. S. Army	New York, N. Y.	S. Francisco, Cal.	General	326

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [9] Destroyer. [13] For bananas and return to Cristobal. [14] Hardware, cotton. [15] Steel, tinplate. [16] Paper, cement, etc. [17] Coffee, coke, general. [18] Diesel and fuel oil.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Santa Paula	17	18	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	2,845
Vigeo [2]	8–9	18	Nor.	Bruun & Von der Lippe	Mobile, Ala.	Moji, Japan	Scrap iron	8,170
Weser [2]	17	19	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	5,706
Steelore	17	18	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Karamea [2]	17	18	Brit.	Shaw, Savill & Albion	London, England	Auckland, N. Z.	General	5,858
Gothic Star	17	18	Brit.	Blue Star Line	Tyne, England	Vancouver, B. C.	Ballast	
Ravnaas [2]	17	18	Nor.	Anglo-Can. S. S. Co.	Nordenham, Ger.	Los Angeles, Cal.	Coke	4,000
K. I. Luckenbach	18	18	Amer.	Luckenbach Line	Mobile, Ala.	Seattle, Wash.	General	1,895
Minnesotan	18	18	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,777
Clio [2]	17	18	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	142
Kashii Maru [2]	18	18	Jap.	Kokusai Kisen Kaisha	Hamburg, Ger.	Kobe, Japan	(15)	7,330
Marore	16	19	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Acajutla	14	19	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	963
Pacific	18	19	Amer.	Weyerhaeuser S. S. Co.	Portsmouth, R. I.	Everett, Wash.	Gen., steel	2,651
Franz Klasen [1] [2]	19	19	Pan.	W. Tankschiff Rhed'i	Hamburg, Ger.	Talara, Peru	Ballast	
Junin [13]	18	22	Colom.	Colombian Govt.	Cartagena, Col.	B'ventura, Col.	Ballast	
Tacoma City	19	19	Brit.	Mitsubishi Line	Baltimore, Md.	Moji, Japan	(16)	7,954
Baru [2]	18	19	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Panama, R. P.	Ballast	
Kimikawa Maru [2]	19	19	Jap.	Kawasaki K. Kaisha.	New York, N. Y.	Yokohama, Japan	(17)	6,873
Norman Star	19	19	Brit.	Blue Star Line	Newcastle, Eng.	Seattle, Wash.	Ballast	
E. J. Hooper, No. 1. [5]	8		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Enoch [3]	19		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[14]		
Tuira [2]	18		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	18		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Durazzo	18	20	Ger.	Hamburg-Amer. Line.	Manaure, Colom.	Guayaquil, Ecua.	General	939
Absaroka	19	20	Amer.	McCormick S. S. Co.	New York, N. Y.	Tacoma, Wash.	General	6,050
Gregalia	20	20	Brit.	Donaldson Brothers	Glasgow, Scot.	Vancouver, B. C.	General	473
Javanese Prince [2]	20	20	Brit.	Prince Line, Ltd.	New York, N. Y.	Manila, P. I.	General	4,326
Tokai Maru [2]	20	20	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Yokohama, Japan	General	8,278
Nojima Maru [2]	20	20	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	(18)	8,069
Istmo	19	20	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	425
Winslow [5]	19		Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
Point Salinas	20	21	Amer.	Gulf-Pacific Line	Tampa, Fla.	Seattle, Wash.	General	6,948
Hardanger	20	22	Nor.	Westfal, Larsen & Co.	Santa Fe, Arg.	Vancouver, B. C.	Gen., maize	3,854
Grete Maersk [2]	21	21	Dan.	Isbrandtsen Moller	Boston, Mass.	Cebu, P. I.	General	7,405
San Bruno	21	21	Pan.	United Fruit Co.	Mobile, Ala.	Pto. Arm'les, R. P.	Ballast	
Helen Whittier	21	21	Amer.	Matson Nav. Co.	Baltimore, Md.	Honolulu, T. H.	General	1,348
Mexican	21	21	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,476
Moldanger [2]	21	22	Nor.	Westfal, Larsen & Co.	Hull, England	Vancouver, B. C.	General	154
Luna [2]	21	21	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Jane Christenson	21	22	Amer.	Arrow Line	Baltimore, Md.	Seattle, Wash.	General	3,065
Frida	22	22	Dan.	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	2,352
Wildwood	22	22	Amer.	Amer.-Foreign S. S. Co.	Pt. Sulphur, La.	Oakland, Calif.	Sulphur	7,006
Adula [1] [2]	22	22	Brit.	Asiatic Pet. Co.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	
City of Dalhart [2]	22	22	Amer.	Roosevelt S. S. Co.	Paulsboro, N. J.	Adelaide, Aust'lia	General	5,970
President de Vogue. [1] [2]	22	25	Nor.	Comp des Prod. Chem. et Raffin. de Berre.	Port de Bouc, Fr.	Talara, Peru	Ballast	
Athelprincess [1] [2]	22	22	Brit.	Standard Vac. Oil Co.	Hull, England	Los Angeles, Cal.	Ballast	
Scottsburg	22	23	Amer.	Lykes Bros.-Ripley	Mobile, Ala.	Cebu, P. I.	Pig iron	8,674
Sambu [2]	21		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	21		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Harry Luckenbach	22	23	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	2,700
Elg [2]	23	23	Nor.	States Marine Corp.	New York, N. Y.	Yokohama, Japan	(19)	6,744
Rhein [2]	22	23	Ger.	Hamburg-Amer. Line.	Corpus Ch'ti, Tex.	Yokohama, Japan	General	8,460
Santa Maria [2]	23	24	Amer.	Grace Line	New York, N. Y.	San Antonio, Chile	General	3,039
San Marcos	22	23	Amer.	Quaker Line	Albany, N. Y.	Seattle, Wash.	General	3,923
Wales Maru	23	23	Jap.	Kawasaki K. Kaisha	Tampa, Fla.	Osaka, Japan	(20)	7,540
J-26[5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
M-211 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
President Adams	24	24	Amer.	Dollar Line	Bombay, India	Alexandria, Egypt	Gen., iron	3,910
Virginia	24	25	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	1,891
Irisbank [2]	24	27	Brit.	Andrew Weir & Co.	Newp't News, Va.	Shanghai, China	General	4,985
Indra [2]	24	25	Nor.	Knut Knutsen, O.A.S.	Oslo, Norway	Valparaiso, Chile.	(21)	1,747
Santa Maria [6]	23		Amer.	James A. Sexton	Baltimore, Md.	Balboa, C. Z.	Ballast	
Chilore	24	24	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Arica	23	24	Fr.	French Line	Havre, France	Valparaiso, Chile.	(22)	4,770
Antietam [1]	24	25	Amer.	Shell Oil Co.	Newp't News, Va.	Los Angeles, Cal.	Ballast	
Emergency Aid	24	25	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	Steel, gen.	4,213
Hawaiian	25	25	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,852
Sildra [1] [2]	25	25	Nor.	Standard Oil of N. J.	La Guayra, Venez.	Tocopilla, Chile	Fuel oil	10,804
Naumburg	24	25	Ger.	Hamburg-Amer. Line.	Tampico, Mex.	Auckland, N. Z.	Asphalt, oil	7,666
West Ira	25	25	Amer.	McCormick S. S. Co.	Buenos Aires, Arg.	Los Angeles, Cal.	General	4,301
Ino [2]	24	25	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	344
Lena Luckenbach	25	25	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General	3,286
Trois Ilets	24	25	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	Ballast	
Lochkatrine [2]	24	25	Brit.	Royal Mail Lines	Middlesb'gh, Eng.	Vancouver, B. C.	(23)	4,130

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [13] Gunboat. [14] For bananas and return to Cristobal. [15] Steel, potash, etc. [16] Steel, scrap metal. [17] Pulp, lubricating oil, etc. [18] General, steel sheets. [19] Pig iron, benzol. [20] Phosphate, cotton, general, etc. [21] Dynamite, pulp, etc. [22] Iron and manaure. [23] Steel work, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Dallas City [2]	26	26	Brit.	Reardon-Smith Line	Mobile, Ala.	Osaka, Japan	Pig iron	9,077
Oliver Olsen	26	26	Amer.	Sigfried Olsen Co.	Galveston, Tex.	Bellingham, Wash	Sulphur	2,900
Ruabine	26	27	Brit.	N. Z. Shipping Co.	London, England	Auckland, N. Z.	General	5,681
San Jose	25	26	Fr.	French Line	Havre, France	Vancouver, B. C.	General	5,883
Kanawha [1]	25	26	Amer.	U. S. Navy	Cristobal, C. Z.	San Diego, Calif.	Ballast	
Manizales	24	26	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	624
Enoch [3]	26		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[13]		
S-42 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-46 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Eurylochus	26	27	Brit.	Alfred Holt & Co.	Baltimore, Md.	Moji, Japan	Steel billets	7,200
S-43 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-44 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C Z.	Ballast	
Schwanhein [2]	26	27	Ger.	North German Lloyd.	New Orleans, La.	Brisbane, Aust'lia	General	7,980
Pacific Reliance [2]	27	27	Brit.	Furness, Withy & Co.	Glasgow, Scotland	Vancouver, B. C.	General	717
Rhea [1] [2]	27	27	Fr.	Soc. Fin. des Petroles.	Dunkerque, Fr.	Talara, Peru	Ballast	
Fernwood [2]	27	27	Nor.	Fern Line	Mobile, Ala.	Osaka, Japan	General	7,517
Texas Sun [1] [2]	27	27	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	
Tongariro	27	27	Brit.	N. Z. Shipping Co.	London, England	Auckland, N. Z.	General	7,501
Point Caleta	27	27	Amer.	Gulf-Pacific Line	New Orleans, La.	Seattle, Wash.	General	5,105
Amasis	26	27	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	7,694
Nuevo Panama [2]	26	27	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	140
Ville de Strasbourg	27	27	Fr.	Messageries Marit'es.	Marseilles, France	Noumea, N. Caled.	General	1,164
Istmo	25	28	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	350
Westmoreland	27	28	Brit.	N. Z. Ship. & Federal Steam Nav. Co.	London, England	Auckland, N. Z.	General	4,515
Mallard [10]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
King Lud [2]	27	28	Brit.	King Line, Ltd.	Cardiff, England.	Vancouver, B. C.	Ballast	
Tosca [2]	28	28	Nor.	Knutsen Line	Goth'burg, Swed.	Tocopilla, Chile.	Ballast	
Brasil [2]	27	28	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Paper, gen.	4,211
Svealand [2]	28	28	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Seattle [2]	27	28	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	5,545
Mayan	21	29	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	1,338
Cumberland	28	29	Brit.	FederalSteamNav.Co.	Swansea, England	Auckland, N. Z.	General	10,783
Argual	28	29	Hond.	United Fruit Co.	Mobile, Ala.	Pto.Arm'les, R.P.	Ballast	
Luna [2]	28	28	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
King William [2]	28	29	Brit.	Eagle Oil & Ship. Co.	Tampico, Mexico.	Melbourne, Aust.	Asphalt	7,301
Maine	29	29	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Honolulu, T. H.	General	2,902
Minerva [2]	29	29	Nor.	Chile Nit. Sales Corp.	Boston, Mass.	Tocopilla, Chile.	Ballast	
Canadian Highlander.	29	30	Brit.	Port Line	Montreal, Canada	Sydney, Australia	Paper	3,891
Hopecastle [2]	29	29	Brit.	Anglo-Can. S. S. Co.	Durban, S. Africa	Vancouver, B. C.	Corn	8,768
Carolinian	29	29	Amer.	Amer.-Hawaiian Line.	NewLondon, Con.	Tacoma, Wash.	Steel, gen.	4,946
Sona [2]	28		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	28		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	28		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
J-26 [5]	24		Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Nurnberg [2]	29	30	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	7,119
Canadian Reefer [2]	29	30	Dan.	J. Lauritzen	Hamburg, Ger.	Vancouver, B. C.	Ballast	
J. L. Luckenbach	30	30	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	5,028
Lihue	30	30	Amer.	Isthmian S. S. Lines	Baltimore, Md.	San Diego, Calif.	Gen., steel	6,608
Oropesa	29	30	Brit.	Pacific Steam Nav. Co	Liverpool, Eng.	Valparaiso, Chile.	General	4,633
Rangitiki [2]	30	1	Brit.	N. Z. Shipping Co.	London, England	Wellington, N. Z.	General	6,199
Bodegraven	30	1	Neth.	Royal Neth S. S. Co.	Hamburg, Ger.	Valparaiso, Chile.	General	5,183
Ludington [8]	30	2	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	4,129
Fernglen [2]	30	1	Nor.	Fern Line	Philadelphia, Pa.	Osaka, Japan	Pig iron	8,200
Oregon Express [2]	1	1	Nor.	Fruit Express Line	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Hegira	1	1	Amer.	Pac. Coast Dir. Line	New York, N. Y.	Everett, Wash.	Steel, gen.	4,349
Jefferson Myers	30	1	Amer.	Pac.-Atlantic S. S. Co.	New York, N. Y.	Seattle, Wash.	General	4,551
Baron Graham	1	1	Brit.	Cia. del Guano, Lima	Baltimore, Md.	Paita, Peru	Ballast	
Nordnes	1	1	Nor.	Canadian-Gulf Line	Houston, Tex.	Powell Riv., B.C.	General	748
Santa Elena	1	2	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	2,875
Santa Inez [2]	1	2	Amer.	Grace Line	New York, N. Y.	Antof'gasta, Chile	Gen., oil	2,143
Taylor [9]	24		Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Hadiotis	1	2	Greek.	Chile Nit. Sales Corp.	Flushing, Neth.	Tocopilla, Chile.	Ballast	
Bente Maersk [1] [2]	1	2	Dan.	Isbrandtsen Moller.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	
Fiscus	2	2	Brit.	Canadian Transp. Co.	Montreal, Canada	Tacoma, Wash.	General	5,650
Norfolk	2	3	Brit.	N. Z. Ship. & Federal Steam Nav. Co.	Glasgow, Scotland	Adelaide, Aust'lia	General	7,387
Laila	2	3	Dan.	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	1,948
El Oso [1]	2	3	Brit.	C. T. Bowring & Co.	Ellesmere, Eng.	Cabo Bl'co, Peru.	Ballast	
W. R. Keever	2	2	Amer.	Texas-Gulf Sulph. Co.	Freeport, Tex.	Tacoma, Wash.	Sulphur	7,443
Trois Ilets	1	2	Fr.	French Line	Cristobal, C. Z.	Manta, Ecuador.	General	55
King Idwal	2	3	Brit.	Dodd Thomson & Co.	Havana, Cuba	Comax, B. C.	Ballast	
Darcoila	2	3	Brit.	Chile Nit. Sales Corp.	Boston, Mass.	Tocopilla, Chile.	Ballast	
Baru [2]	2		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-47 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Jacob Luckenbach	2	3	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General	2,568
Texan	2	3	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	4,800

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [8] Transport. [9] Destroyer. [10] Mine sweeper. [13] For bananas and return to Cristobal.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Chateau Thierry [8]	2	..	Amer..	U. S. Army	New York, N. Y.	Balboa, C. Z.	General	753
Steel Exporter	3	3	Amer..	Isthmian S. S. Lines	Portland, Me.	Seattle, Wash.	Gen., steel	5,216
Tatsuno Maru	3	3	Jap...	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	General	7,750
Wind Rush	3	3	Amer..	Shepard S. S. Co.	Boston, Mass.	Tacoma, Wash.	General	4,750
Cali	1	3	Ger...	North German Lloyd.	Manaure, Colom.	Guayaquil, Ecua.	General, salt.	893
Clio [2]	2	3	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	197
Tropic Star [2]	3	3	Nor...	Chile Nit. Sales Corp.	Baltimore, Md.	Antof'gasta, Chile	Coke	1,546
Tuira [2]	2	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	2	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Enoch [3]	3	...	Pan...	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	.....	.....
Moveria [2]	3	4	Brit...	Donaldson Bros.	Glasgow, Scotland	Vancouver, B. C.	General	988
Elizabeth Bakke [2]	3	4	Nor...	Knutsen Line	Goth'burg, Swed.	Vancouver, B. C.	Ballast	.....
Forbes Hauptman	4	4	Amer..	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	General	3,755
Point Brava	4	4	Amer..	Swayne & Hoyt	Houston, Tex.	Seattle, Wash.	General	6,028
Silverbeech [2]	4	4	Brit...	Kerr S. S. Co.	Boston, Mass.	Colombo, Ceylon.	General	4,374
Salvador	28	4	Brit...	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	739
Istmo	3	5	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	275
City of Christchurch.	4	5	Brit...	Ellerman & Bucknall.	Baltimore, Md.	Manila, P. I.	General	5,891
Peik [1] [2]	4	5	Nor...	Gustav B. Bull	Newcastle, Eng.	S. Francisco, Cal.	Ballast	.....
Westward Ho Maru.	4	6	Jap...	Kawasaki K. Kaisha.	New Orleans, La.	Kobe, Japan	Ballast	.....
Kinai Maru [2]	5	5	Jap...	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	General	8,303
Nansenville [2]	5	5	Neth..	Fred Olsen & Co.	Oslo, Norway	Vancouver, B. C.	General	3,590
Amerikaland [2]	5	5	Swed..	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Caroline Maersk [1] [2]	5	6	Dan...	Bermuth Lembke Co.	Immingham, Eng.	Vancouver, B. C.	Creosote	11,672
Q. M. C. No. 1 [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Luna [2]	5	5	Pan...	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Woodcock [10]	5	...	Amer.	U. S. Navy	High seas	Balboa, C. Z.	Ballast	.....
Catalina [1]	21	6	Brit...	Anglo-Ecuad. Oilfields	Cristobal, C. Z.	LaLibertad, Ecua.	Ballast	.....
McDougall, 358 [9]	5	...	Amer..	U. S. Navy	New York, N. Y.	San Diego, Calif.	Ballast	.....
Cummings, 365 [9]	5	...	Amer..	U. S. Navy	New York, N. Y.	San Diego, Calif.	Ballast	.....
Baron Belhaven	5	6	Brit...	T. H. Winchester	Houston, Tex.	Osaka, Japan	Scrap iron	9,296
Norden [2]	6	6	Dan...	Kawasaki K. Kaisha.	Baltimore, Md.	Dairen, China	General	6,122
Golden Cloud	6	6	Amer..	Matson Nav. Co.	Philadelphia, Pa.	Hilo, T. H.	Steel, gen	1,926
Real [2]	5	..	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Hakonesan Maru [2]	6	7	Jap...	Osaka Shosen Kaisha.	Buenos Aires, Arg.	Kobe, Japan	General	5,881
Helgoy [2]	7	7	Nor...	Erling H. Samuelsen.	New Orleans, La.	Coos Bay, B. C.	Ballast	.....
American	6	7	Amer..	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	1,668
Lillian Luckenbach.	7	7	Amer..	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	3,945
Buenos Aires Maru. [2]	7	8	Jap...	Osaka Shosen Kaisha.	BuenosAires, Arg.	Kobe, Japan	Gen., hides	3,528
Bolton Castle	7	7	Brit...	Chile Nit. Sales Corp.	Norfolk, Va.	Tocopilla, Chile	Ballast	.....
Vestvard [2]	7	7	Nor...	Mitsubishi S. Kaisha.	Pt. Arthur, Tex.	Osaka, Japan	Scrap iron	7,004
King Stephen [2]	6	7	Brit...	Eagle Oil Co.	Tampico, Mexico.	Brisbane, Aust'lia	Bitumen	7,327
Australind [2]	7	8	Brit...	Australind S. S. Co.	Montreal, Canada	Sydney, Aust'lia.	General	5,264
Santa Clara	7	8	Amer..	Grace Line	New York, N. Y.	SanAntonio, Chile	General	3,657
Belita [1] [2]	7	10	Nor...	Hans S. Kristoffersen.	St. Nicolas, N.W.I.	LaLibertad, Ecua.	([14])	9,415
Lobos [2]	7	8	Brit...	Pacific Steam Nav. Co.	Hull, England	Valparaiso, Chile.	General	5,019
California	8	9	Amer..	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	1,839
Niel Maersk [2]	7	8	Dan...	A. P. Moller	Philadelphia, Pa.	Iloilo, P. I.	General	6,931
Justitia	7	8	Brit...	Texas Gulf Sulph. Co.	Galveston, Tex.	Geelong, Aust'lia.	Sulphur	8,150
Willmoto [2]	8	8	Amer..	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	1,450
Berganger [2]	8	8	Nor...	Interocean S. S. Co.	Leith, England.	Vancouver, B. C.	Ballast	.....
Tai Yang [2]	8	8	Nor...	Barber-Wilhelmsen.	New York, N. Y.	Manila, P. I.	General	1,505
Filleigh	8	8	Brit...	Atl. Ship. & Trad. Co.	Barry, England.	Portland, Oreg.	Ballast	.....
Rhakotis [2]	7	8	Ger...	Hamburg-Amer. Line.	Hamburg, Ger.	Corral, Chile	General	6,412
President Harrison.	9	9	Amer..	Dollar Line	Singapore, Straits Settlements.	Round-the-world.	General	2,653
Dinteldijk [2]	8	9	Neth..	Holland-Amer. Line.	Rotterdam, Neth.	Victoria, B. C.	Gen., coke	2,397
Oakmar	9	9	Amer..	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen	8,374
Kentuckian	9	9	Amer..	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	1,933
Eskdalegate	9	9	Brit...	Chile Nit. Sales Corp.	Antwerp, Belgium	Tocopilla, Chile.	Ballast	.....
Erria [2]	9	9	Dan...	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	General	498
Fella [2]	8	9	Ital...	Italian Line	Trieste, Italy	Vancouver, B. C.	General	3,083
Edward Luckenbach.	9	10	Amer..	Luckenbach Line	Mobile, Ala.	Tacoma, Wash.	General	4,254
Ino [2]	8	10	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	155
Paula	9	10	Dan...	West Coast Line	New York, N. Y.	Valparaiso, Chile.	General	1,641
Everett	9	10	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	Steel, gen	1,418
Anniston City	10	10	Amer..	Isthmian S. S. Lines	New York, N. Y.	Seattle, Wash.	Steel, gen	4,318
Mobile City	10	10	Amer..	Isthmian S. S. Lines	Mobile, Ala.	Moji, Japan	Steel	7,999
Raby Castle [2]	10	10	Brit...	Barber Line	New York, N. Y.	Hongkong, China	Ballast	.....
Katendrecht [1] [2]	9	10	Neth..	Anglo-Saxon Pet. Co.	Rouen, France	Los Angeles, Cal.	Ballast	.....
Cerigo	9	10	Ger...	Hamburg-Amer. Line.	Barranquilla, Col.	Guayaquil, Ecua.	General	387
Nuevo Panama [2]	9	10	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	262
Fortuna [3]	10	...	Pan...	A. Ferrari	Cristobal, C. Z.	Gatun, C. Z.	Iron rails	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [9] Destroyer. [10] Mine sweeper.
[13] For bananas and return to Cristobal. [14] Diesel and fuel oil.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Enoch [3]	10	...	Pan...	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[13]	.....	.....
Tuira [2]	9	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	9	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Vagabond [6]	...	...	Amer.	Phillip Green	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Katrine Maersk [1 2]	10	11	Dan...	A. P. Moller	Los Angeles, Cal.	Curacao, N. W. I.	Gas oil	8,088
El Aleto [1 2]	10	11	Brit...	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Cobh, I. F. S.	Crude oil	10,535
Curaca	11	11	Amer.	Grace Line	Chanaral, Chile.	New York, N. Y.	Cotton, gen.	3,643
Presidente Roca [2]	9	11	Arg...	Cia. Arg. Com. Ind. Pesquerias.	Tobata, Japan	Buenos Aires, Arg	Ballast	.....
Mobiloil [1]	11	11	Amer.	Socony Vac. Oil Co.	Los Angeles, Cal.	Providence, R. I.	Gasoline	14,658
Cerigo	11	13	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,161
Ethan Allen	11	11	Amer.	Lykes Bros.-Ripley	Manila, P. I.	New Orleans, La.	Sugar, copra.	10,061
Nuevo Panama [2]	11	12	Pan...	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	212
Massmar	11	11	Amer.	Calmar Line	S. Francisco, Cal.	Boston, Mass.	Lumber	6,494
Luna [2]	10	11	Pan...	A. Tagaropulos	Darien, R. P.	Colon, R. P.	Lumber	3
Tuira [2]	11	12	Pan...	Julio Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	58
Sambu [2]	11	12	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	20
Svealand [2]	11	12	Swed.	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,300
Trontolite [1-2]	11	12	Brit...	Imperial Oil Co.	Talara, Peru	Montreal, Canada	Gasoline	7,558
Point Judith	11	12	Amer.	Swayne & Hoyt	Portland, Oreg.	Tampa, Fla.	Lumber, gen.	5,163
Breda	12	12	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	9,354
Louisianan	12	12	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	General	8,317
Ino [2]	12	13	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	(15)	375
Harpoon	12	12	Amer.	Shepard S. S. Co.	S. Francisco, Cal.	Baltimore, Md.	Lumber, gen.	8,691
Glittre [1 2]	12	12	Nor...	Shell Oil Co	Los Angeles, Cal.	Curacao, N. W. I.	(16)	9,097
Oliver Olsen	8	12	Amer.	Siegfried Olsen Co.	Seattle, Wash.	Galveston, Tex.	Ballast	.....
Lady Clara [5]	12	16	Amer.	B. W. Stephenson	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Calgarolite [1 2]	12	13	Brit...	Imperial Oil Co.	Talara, Peru	Montreal, Canada	Crude oil	16,666
General Sherman	12	13	Amer.	States S. S. Co.	S. Francisco, Cal.	Mobile, Ala.	Rice	2,600
Orduna	13	13	Brit...	Pacific Steam Nav. Co.	SanAntonio, Chile	Liverpool, Eng.	General	8,216
Pan Aruba [1 2]	13	13	Nor...	Huasteca Pet. Co.	Talara, Peru	Aruba, N. W. I.	(17)	13,335
Nordpol [2]	13	13	Dan...	West Indian Trad. Co.	Englewood, B. C.	Boston, Mass.	Lumber	7,043
Columbian	13	13	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,200
Edward Luckenbach.	13	14	Amer.	Luckenbach-Gulf Co.	Seattle, Wash.	New Orleans, La.	Lumber, gen.	6,134
Azumasan Maru [2]	13	13	Jap...	Mitsui Bussan Kaisha	Penang, Mal. Pen.	New York, N. Y.	Silk, gen.	6,277
Santa Elena	13	14	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	3,783
Rangitata [2]	13	14	Brit...	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	5,084
Helgoy [2]	10	14	Nor...	J. J. Moore	Manila, P. I.	New Orleans, La.	Sugar	8,895
Alabama	14	15	Fr...	French Line	Valparaiso, Chile.	Havre, France.	General	7,689
Santa Inez [2]	13	14	Amer.	Grace Line	Ant'fagasta, Chile	New York, N. Y.	Copper, gen.	2,592
Sidney M. Hauptman.	14	14	Amer.	McCormick S. S. Co.	S. Francisco, Cal.	Baltimore, Md.	Lumber, gen.	8,927
Acajutla	14	19	Brit...	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	944
Sona [2]	14	15	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	31
Real [2]	13	15	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	20
Sambu [2]	14	15	Pan...	Elliot Ship. & Land Co.	Bayano, R. P.	Cristobal, C. Z.	Bananas	23
Cydonia	14	15	Brit...	Filex Gordon Ordas.	Mazatlan, Mex.	Spain	Beans, sugar	5,716
Nordnes [2]	14	15	Nor...	Canadian-Gulf Line.	Powell Riv., B. C.	Houston, Tex.	(18)	6,912
San Antonio	15	15	Fr...	French Line	Portland, Oreg.	Havre, France.	General	6,997
Embassage	15	15	Brit...	Anglo-Can. S. S. Co.	Dollarton, B. C.	Liverpool, Eng.	Timber	8,178
Anneliese Essberger. [2]	15	15	Ger...	Anglo-Can. S. S. Co.	Vancouver, B. C.	London, England	Lead, lumber	7,300
Hamlin F. McCormick.	15	15	Amer.	McCormick S. S. Co.	St. Helens, Oreg.	New York, N. Y.	Lumber	4,000
Theofano Livanos.	15	15	Greek.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Azores [14]	Nitrate	8,700
President Taft	15	16	Amer.	Dollar Line	Manila, P. I.	New York, N. Y.	General	5,426
Nevadan	15	16	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	9,903
San Angelo	16	16	Amer.	Quaker Line	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	8,767
Sun [1 2]	16	16	Amer.	Sun Oil Co	Los Angeles, Cal.	Chester, Pa.	Gasoline	13,343
Schwaben	15	18	Ger...	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	9,066
Marchen Maersk [2]	16	17	Dan...	A. P. Moller	Manila, P. I.	Baltimore, Md.	General	6,558
Zjawa [5]	16	...	Amer.	Tucker McClure	Miraflores Lake.	Cristobal, C. Z.	Ballast	.....
Axel Johnson [2]	16	17	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	Wheat, gen.	5,582
Karnak	16	18	Ger...	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	8,260
Queen Eleanor	16	17	Brit...	Chile Nit. Sales Corp.	Iquique, Chile	Alexandria, Egypt	Nitrate	7,550
Chr. Knudsen [2]	17	17	Nor...	Canadian Transp. Co.	Victoria, B. C.	Immingham, Eng.	Lumber, gen.	7,260
Helga	17	17	Dan...	J. Lauritzen	SanAntonio, Chile	Habana, Cuba.	Nit., beans.	2,597
Clio [2]	17	18	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	513
Cali	17	21	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,112
Argual	17	17	Hond.	United Fruit Co.	Pto. Arm'les, R. P.	Mobile, Ala.	Bananas	825
Kekoskee [1]	16	17	Amer.	Arrow Oil Co.	Los Angeles, Cal.	Corpus Ch'ti, Tex.	Ballast	.....
Steel Engineer	17	17	Amer.	Isthmian S. S. Lines.	Tacoma, Wash.	Baltimore, Md.	(19)	812,4

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [13] For bananas and return to Cristobal. [14] For orders. [15] Coffee, cocoa. [16] Dest. cero., gas oil. [17] Gasoline, petroleum. [18] Newsprint, shingles. [19] Lumber, ore, pulp.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Miss C. B.	16	18	Brit.	I. D. Hunter	Tumaco, Colom.	Tampa, Fla.	Ballast	.....
Dallington Court	17	17	Brit.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Liverpool, Eng.	Lumber	7,800
Amerikaland [2]	18	18	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,300
Barbara Cates	17	18	Amer.	Christenson S. S. Co.	Willapa, Wash.	Baltimore, Md.	Lumber	7,470
Pacific Grove [2]	17	18	Brit.	Furness, Withy & Co.	Victoria, B. C.	Glasgow, Scot.	General	8,823
Pontypridd	17	18	Brit.	Andrew Weir & Co.	Suva, Fiji Islands	Lands End, Eng. [13]	Sugar	7,350
British Prince [2]	17	18	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Cardiff, Wales	Lumber	8,500
Asosan Maru [2]	18	18	Jap.	Mitsui & Co.	Manila, P. I.	Baltimore, Md.	Silk, gen.	6,756
Baru [2]	18	19	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	97
Chipana	18	18	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	General	4,080
British Columbia Express.[2]	18	18	Nor.	Fruit Express Line	Portland, Oreg.	Havre, France	(14)	2,500
Anadara [1] [2]	18	18	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End, Eng. [13]	Pet. spirit	11,424
Luna [2]	18	18	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(15)	12
Tuira [2]	18	19	Pan.	Laffargue Bros.	Darien, R. P.	Cristobal, C. Z.	Bananas	50
Real [2]	18	19	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	24
Gryfevale	18	19	Brit.	Nitrate Corporation	Taltal, Chile	Alexandria, Egypt	Nitrate	7,780
El Ciervo [1]	18	19	Brit.	C. T. Bowring & Co.	Lobitos, Peru	Antwerp, Belgium	Crude oil	8,003
Burton E. O'Brien[2]	18	..	C. R.	Comp. Bananera, C. R.	Puntarenas, C. R.	Cristobal, C. Z.	Ballast	.....
Istmo	18	20	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	659
Feodosia	19	19	Ger.	Hamburg-Amer. Line.	Puntarenas, C. R.	Hamburg, Ger.	Coffee, gen.	176
Charles R. McCormick.	19	20	Amer.	McCormick S. S. Co.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	6,601
Muenchen [2]	19	19	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	6,850
Stirlingville [2]	19	19	Nor.	Anglo-Can. S. S. Co.	Brit. Columbia	S'ampton, Eng.	Lumber	7,868
Kassos	19	20	Greek.	Chile Nit. Sales Corp.	Iquique, Chile	Alexandria, Egypt	Nitrate	8,200
Heffron	19	20	Amer.	Pac. Coast Dir. Line.	S. Francisco, Cal.	Norfolk, Va.	Lumber, gen.	10,086
Reaveley	19	20	Brit.	Andrew Weir & Co.	Lautoka	Lands End, Eng.	Sugar	6,652
Assuan [2]	20	20	Ger.	Richard Meyer Co.	Iloilo, P. I.	U. S. Atl. ports	Sugar	7,768
Kiyokawa Maru [2]	20	21	Jap.	Kawasaki K. Kaisha	Kobe, Japan	Baltimore, Md.	General	4,029
Kwansai Maru [2]	20	21	Jap.	Osaka Shosen Kaisha	Mambaguid, P. I.	Baltimore, Md.	General	6,779
Point Bonita	20	20	Amer.	Gulf-Pacific Line	Tacoma, Wash.	Panama City, Fla.	Lumber, gen.	4,272
Admiral Wiley	20	21	Amer.	Bulk Carriers, Corp.	Vancouver, B. C.	Norfolk, Va.	Wheat	5,179
Tomislav	20	20	Y-Slav	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nit. of soda	8,051
Eridan [2]	20	21	Fr.	Messageries Maritimes.	Noumea, N. Caled	Marseille, France	Coffee, gen.	4,385
Floridian	20	20	Amer.	Amer.-Hawaiian Line.	Tacoma, Wash.	Bridgeport, Conn.	Gen., lumber	9,225
Mauna Loa	20	20	Amer.	Matson S. S. Co.	Hawaiian Islands	New York, N. Y.	Sugar, gen.	6,098
Dagrun [2]	20	21	Nor.	General Grain Co.	Manila, P. I.	New York, N. Y.	Sugar	8,000
Lewis Luckenbach	20	21	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	12,600
California	20	21	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	5,545
Mayan	21	28	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	337
Dora [1]	20	21	Amer.	U. S. Tankship Corp.	Honolulu, T. H.	New Orleans, La.	Molasses	7,321
ConstanceChandler.	20	21	Amer.	Matson Nav. Co.	Honolulu, T. H.	New York, N. Y.	(16)	7,287
Kansan	21	21	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,788
Santa Clara	21	21	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	Coffee, gen.	5,387
Bengal Maru	21	21	Jap.	Nippon Yusen Kaisha	Yokohama, Japan	London, England	Can. salmon.	5,687
Catalina [1]	21	..	Ecua.	Anglo-Ecua. Oilfields.	La Libertad, Ecu.	Cristobal, C. Z.	Ballast	.....
Henry D. Whiton.	21	21	Amer.	Dutton Lumber Co.	Everett, Wash.	Po'keepsie, N. Y.	Lumber	5,416
Villanger [2]	21	22	Nor.	Interocean S. S. Corp.	Portland, Oreg.	London, England	General	6,991
Ciricito [5]	21	..	Amer.	H. J. Quigley	Balboa, C. Z.	Cristobal, C. Z.	Towing	.....
Sambu [2]	20	22	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	16
Sona [2]	21	22	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	23
Vancouver	21	23	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	8,287
Taronga [2]	21	23	Nor.	Barber Wilhelmsen.	Davao, P. I.	New York, N. Y.	Sugar, gen.	7,678
Cacique	21	22	Amer.	Grace Line	Talcahuano, Chile	Baltimore, Md.	General	3,545
Hokuroku Maru [2]	21	22	Jap.	Osaka Shosen Kaisha.	Kobe, Japan	Buenos Aires, Arg.	General	4,660
Bente Maersk [1] [2]	22	22	Dan.	Isbrandtsen Moller Co.	Los Angeles, Cal.	Curacao, N. W. I.	Gas oil	8,173
Pennmar	22	23	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Baltimore, Md.	Copper, lum.	6,932
Delftdijk [2]	22	23	Neth.	N. Pac. Coast Line	Victoria, B. C.	Rotterdam, Neth.	General	10,312
Steelmaker	22	23	Amer.	Isthmian S. S. Lines.	Seattle, Wash.	Baltimore, Md.	(17)	8,446
Vinland [2]	22	23	Nor.	Scand.-S. Pacific Line	Valparaiso, Chile.	Lands End [13]	Gen., cotton	7,060
D. G. Scofield [1]	23	23	Amer.	Standard Oil of Cal.	S. Francisco, Cal.	Baltimore, Md.	(18)	11,043
Honomu	23	23	Amer.	Matson S. S. Co.	Kahului, T. H.	Baltimore, Md.	General	8,171
Mathew Luckenbach.	23	23	Amer.	Luckenbach Line	Portland, Oreg.	Mobile, Ala.	General	4,685
Noto Maru [2]	23	24	Jap.	Nippon Yusen Kaisha	Hongkong, China	Baltimore, Md.	Rice, gen.	4,266
Dunkeld [2]	23	24	Brit.	Andrew Weir & Co.	Suva, Fiji Islands	United Kingdom.	Sugar	8,900
Geddington Court	23	23	Brit.	Canadian Transp. Co.	Vancouver, B. C.	London, England	(19)	7,888
Bagley [9]	18	24	Amer.	U. S. Navy	Galapagos Island	Habana, Cuba	.....	.....
Taylor [9]	24	..	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Horace Luckenbach.	23	24	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,048
Waimana	24	24	Brit.	Shaw, Savill & Albion	Wellington, N. Z.	London, England	Frozen, gen.	4,402
Ino [2]	24	25	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	283
San Bruno	24	24	Pan.	United Fruit Co.	Pto. Arm'les, R. P.	Mobile, Ala.	Bananas	554
Point Palmas	24	24	Amer.	Swayne & Hoyt	Portland, Oreg.	Tampa, Fla.	Lumber, gen.	4,693
Manizales	24	26	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,140

[1] Tanker. [2] Motor ship. [5] Launch. [9] Destroyer. [13] For orders. [14] Barley, fresh fruit. [15] Lumber, plantains. [16] Canned pineapples. [17] Canned goods, lumber. [18] Petrolastic asphalt. [19] Scrap brass, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Trois Ilets	24	25	Fr.	French Line	Manta, Ecuador	Cristobal, C. Z.	(14)	354
Kanawha [1]	24	26	Amer.	U. S. Navy	San Diego, Calif.	Coco Solo, C. Z.	Gasoline	361
San Anselmo	25	25	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	8,766
Missourian [2]	25	25	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Gen., lumber	10,391
Nuevo Panama [2]	25	27	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	41
Istmo	25	27	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	(15)	654
Luna [2]	24	28	Pan.	Antonio Tagaropulos.	Darien, R. P.	Colon, R. P.	(16)	10
Chattanooga City	26	26	Amer.	Isthmian S. S. Lines.	Port Allen, T. H.	Baltimore, Md.	(17)	7,911
Loreto [2]	26	27	Brit.	Pacific Steam Nav. Co.	Talcahuano, Chile	Hull, England	General	8,613
Washingtonian	26	26	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	General	9,780
Bethore	27	27	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,200
Stigstad [1] [2]	26	27	Nor.	A. F. Klaveness & Co.	Los Angeles, Cal.	Hamburg, Ger.	Gas oil	8,152
Southern Sun [1] [2]	26	27	Amer.	Sun Oil Co.	Los Angeles, Cal.	Chester, Pa.	Gasoline	13,414
Dan [2]	26	30	Pan.	Skibs A/S "Danmotor"	Pt. Costa, Calif.	Hull, England	Lum., barley.	6,670
Storanger [1] [2]	27	27	Nor.	Westfal, Larsen & Co.	Lobitos, Peru	Donges, France.	Crude oil	14,239
Manoeran [2]	27	27	Neth.	Pac.-Java-Bengal Line	Portland, Oreg.	Calcutta, India	General	5,955
Boskoop	27	27	Neth.	Kon. Ned. Stoomb. My	Corral, Chile	Hamburg, Ger.	General	8,546
Chelsea	27	27	Brit.	Chile Nit. Sales Corp.	Antof'gasta Chile.	Azores [13]	Nit. of soda	7,750
Erlangen	27	28	Ger.	North German Lloyd.	Whyalla, Aust'lia	Baltimore, Md.	General	7,374
Statira [2]	27	28	Brit.	Queensland Govt.	Mackay, Aust'lia	Montreal, Canada	Sugar	8,680
Heranger [2]	27	27	Nor.	Interocean S. S. Corp.	Seattle, Wash.	Hull, England	(18)	6,976
Santa Rosa	27	28	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	5,150
Franz Klasen [1] [2]	27	28	Pan.	W. Tankschiff Rhed'i.	Talara, Peru	Hamburg, Ger.	Mineral oil.	17,017
Norne [2]	27	28	Nor.	States Marine Corp.	Hakodate, Japan.	Philadelphia, Pa.	(19)	6,472
Canbria	28	28	Brit.	Cable & Wireless, Ltd.	Valparaiso, Chile.	St. Lucia, B.W.I.	Cable	86
Mauna Kea	27	28	Amer.	Matson Nav. Co.	Los Angeles, Cal.	New York, N. Y.	Sugar, gen.	7,412
C. A. Canfield [2]	28	28	Amer.	Standard Oil of N. J.	El Segundo, Calif.	New York, N. Y.	Gasoline	8,308
Susan V. Luckenbach.	28	28	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,576
Santa Barbara [2]	28	28	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	5,118
Leo Dawson	28	28	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Azores [13]	Nitrate	6,800
Dakotan	28	28	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	8,495
Salvador	28	4	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	433
Hanley	28	29	Amer.	Weyerhaeuser S. S. Co.	Longview, Wash.	Philadelphia, Pa.	Pulp, lumber	10,214
Real [2]	28	29	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	24
Sambu [2]	28	29	Pan.	Elliot Ship. & Land Co.	Bayano, R. P.	Cristobal, C. Z.	Bananas	23
Sona [2]	28	28	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	18
Pacific Enterprise [2]	28	29	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot.	General	8,921
Brazilian Reefer [2]	28	29	Dan.	J. Lauritzen	Seattle, Wash.	Haifa, Palestine.	Fruit, gen.	853
Golden West	29	30	Amer.	Matson Nav. Co.	Honolulu, T. H.	Baltimore, Md.	(17)	7,488
Poseidon	30	1	Ger.	Hamburg-Amer. Line.	Magallanes, Chile	Hamburg, Ger.	General	8,836
Kano Maru [2]	30	30	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	General	7,759
Mataroa	30	1	Brit.	Shaw, Savill & Albion	Auckland, N. Z.	London, England	Frozen, gen.	4,049
City of Glasgow	30	30	Brit.	Manz Line	Lyttleton, N. Z.	Montreal, Canada	General	4,004
Fernbank [2]	30	30	Nor.	Fern Line	Manila, P. I.	Baltimore, Md.	Sugar, gen.	7,225
Benwood	30	1	Nor.	Continental Grain Co.	Pt. Alberni, B. C.	Garston, England	Grain, lum.	6,200
Woodcock [4]	30	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge.	.....
Chisone [2]	30	2	Ital.	Italian Line	Vancouver, B. C.	Trieste, Italy	General	6,548
Sessa	30	1	Dan.	Wessel, Duval & Co.	San Antonio, Chile	New York, N. Y.	General	2,550
American Robin	1	1	Amer.	Amer.-For. S. S. Corp.	Pt. Angeles, Wash.	New York, N. Y.	Lumber	6,879
Bronxville [2]	1	1	Nor.	Fern Line	Legaspi, P. I.	Philadelphia, Pa.	Ore, gen.	7,523
Dolius [2]	1	1	Brit.	Alfred Holt & Co.	Kamchatka, Sib.	Liverpool, Eng.	General	7,100
Sea Thrush	1	1	Amer.	Shepard S. S. Co.	Pt. Town'd, Wash.	Boston, Mass.	Lumber, gen.	7,263
Augsburg	1	2	Ger.	North German Lloyd.	Mazatlan, Mex.	New York, N. Y.	(20)	7,201
Trois Ilets	1	2	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	321
Argual	1	1	Hond.	United Fruit Co.	Pto. Arm'les, R. P.	Mobile, Ala.	Bananas	869
Montana [1]	1	2	Nor.	Standard Oil of N. J.	Talara, Peru	Halifax, N. S.	Crude oil	10,396
Nankai Maru [2]	1	3	Jap.	Osaka Shosen Kaisha.	Iloilo, P. I.	Baltimore, Md.	Silk, gen.	5,169
Baru [2]	2	3	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	99
Ambassador	2	2	Brit.	Anglo-Can. S. S. Co.	Crofton, B. C.	Hull, England	Lumber	7,118
Falsterbo [2]	2	2	Swed.	Anglo-Can. S. S. Co.	Seattle, Wash.	Cork, Ireland	Lum., wheat.	6,325
Clio [2]	2	3	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	434
Georgian	2	2	Amer.	Amer.-Hawaiian Line.	S. Francisco, Cal.	New York, N. Y.	General	9,200
F. J. Luckenbach.	2	2	Amer.	Luckenbach Line	Tacoma, Wash.	Mobile, Ala.	General	3,547
Jomar	2	2	Amer.	Weyerhaeuser S.S. Co.	Everett, Wash.	Baltimore, Md.	(21)	7,349
Orazio [2]	2	2	Ital.	Italian Line	Valparaiso, Chile.	Genoa, Italy	General	3,395
President de Vogue. [1] [2]	2	2	Nor.	Cie. des Prod. Chim.	Talara, Peru	Pt. de Bouc, Fr.	Crude oil	13,742
Cerigo	2	4	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,118
Tuira [2]	1	3	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	50
Luna [2]	2	3	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(22)	5
Sona [2]	2	3	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
Santore	2	3	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,000
Elbe [2]	2	3	Ger.	North German Lloyd.	Vancouver, B. C.	Bremen, Ger.	General	7,419
Kosei Maru [2]	2	3	Jap.	United Ocean Trsp. Co	Iloilo, P. I.	Baltimore, Md.	(23)	9,117
North Haven	2	3	Amer.	Northland Transp. Co.	Tacoma, Wash.	Boston, Mass.	Can. salmon.	6,081
Istmo	2	4	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	665

[1] Tanker. [2] Motor ship. [4] Tug. [13] For orders. [14] Coffee, ivory nuts. [15] Coffee, Panama hats. [16] Plantains, lumber. [17] Sugar, canned pineapples. [18] Lumber, barley, general. [19] Manganese ore, fish meal. [20] Garbanzos, copra. [21] Lumber, pulp, grain. [22] Plantains, lumber. [23] Silk, sugar, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Firmore	3	3	Amer.	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,850
Wisconsin	3	10	Fr.	French Line	Vancouver, B. C.	Havre, France	General	8,211
San Clemente	3	3	Amer.	Calif. & Eastern Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,267
Benmohr	3	3	Brit.	Anglo-Can. S. S. Co.	N.Westm'er, B.C.	Immingham, Eng.	Lumber	7,600
Dusseldorf [2]	3	5	Ger.	North German Lloyd.	SanAntonio, Chile	Hamburg, Ger.	General	5,884
Acavus [1] [2]	3	4	Brit.	Shell Oil Co	Los Angeles, Cal.	Lands End.[14]	(15)	11,320
Panaman	3	4	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	8,163
Republic [8]	2	5	Amer.	U. S. Army	Honolulu, T. H.	New York, N. Y.	Army stores.	1,019
Modavia [2]	3	4	Brit.	Donaldson Bros	Victoria, B. C.	Glasgow, Scotland	Lumber, gen.	5,491
Santa Rita [2]	4	4	Amer.	Grace Line	Anto'fgasta, Chile	New York, N. Y.	Copper, gen.	2,634
Tonsbergfjord [2]	4	4	Nor.	Wessel, Duval & Co.	Iquique, Chile	Jacksonville, Fla.	Nit., potash.	5,560
Pennsylvania	4	5	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	8,196
Rhea [1] [2]	4	5	Fr.	Ste. Fin. des Petroles.	Talara, Peru	Dunkerque, Fr.	Crude oil	11,300
Hanover	5	5	Amer.	Lykes Bros.-Ripley	Manila, P. I.	East coast, U.S.A	Sugar, copra.	8,470
Dorothy Cahill	5	5	Amer.	Arrow Line	So. Bend, Wash.	New York, N. Y.	Lumber	6,602
Trondanger [2]	5	5	Nor.	Interocean S. S. Corp.	Seattle, Wash.	London, England	Grain, gen.	7,993
Real [2]	5	6	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	21
William Luckenbach.	6	6	Amer.	Luckenbach Line	Tacoma, Wash.	Boston, Mass.	Lumber, gen.	8,834
Pereira	6	12	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	363
Eastern Glade	6	6	Amer.	Postal S. S. Corp	Aberdeen, Wash.	Pt. Newark, N. J.	Lumber	7,750
Chateau Thierry [8]	3	7	Amer.	U. S. Army	Balboa, C. Z.	New York, N. Y.	Army stores.	27
Geisha [2]	6	6	Nor.	Knut Knutsen, O.A.S.	Valparaiso, Chile.	Goth'burg, Swed.	General	6,762
Bereby	6	7	Brit.	Canadian Transp. Co.	Vancouver, B. C.	W.Hartlep'l, Eng.	Lumber	5,400
Lebore	7	7	Amer.	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Europa [2]	6	7	Dan.	East Asiatic Co.	Vancouver, B. C.	Copenhagen, Den.	Lumber, gen.	8,967
Portmar	6	7	Amer.	Calmar S. S. Corp.	Pt. Angeles, Wash.	Boston, Mass.	Lumber	7,425
Boxhill	7	7	Brit.	Ship. Management Co.	Victoria, B. C.	London, England	Pulp, lumber	8,254
Levenbank [2]	7	7	Brit.	Queensland Govt	Mackay, Australia	Montreal, Canada	Sugar	8,290
Point Chico	7	7	Amer.	Swayne & Hoyt	Portland, Oreg.	Panama City, Fla.	Gen., lumber	5,850
Columbia Maru [2]	7	7	Jap.	Mitsubishi Shoji K.	Opala, Kame'tka.	Liverpool, Eng.	(16)	7,825
Dorothy Luckenbach.	7	7	Amer.	Luckenbach Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	8,793
Anna Maersk [2]	6	8	Dan.	Isbrandtsen Moller	Cebu, P. I.	Baltimore, Md.	(17)	6,774
Pomona	7	7	Amer.	Weyerhaeuser S.S. Co.	Everett, Wash.	Newark, N. J.	General	10,723
Yomachichi [2]	7	7	Amer.	Roosevelt S. S. Co.	Melbourne, Aust.	Baltimore, Md.	General	6,794
Lochgoil [2]	8	9	Brit.	N. Pac. Coast Line	Vancouver, B. C.	London, England	General	8,888
Charleston [13]	8	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Ino [2]	8	10	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	534
Elwood [1]	8	9	Amer.	Shell Oil Co	Los Angeles, Cal.	Sewaren, N. J.	(18)	10,230
Carabobo [2] [13]	7	10	Colom.	Colombian Govt	B'ventura, Col.	Cartagena, Col.	.....	.....
Durazzo	9	11	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,176
Nyugat	9	10	Hung.	Transocean Coal & Tr.	Victoria, B. C.	Garston, England	Lumber	6,050
Daghild [1] [2]	9	9	Nor.	Standard Oil of N. J.	Talcahuano, Chile	Newp't News, Va.	Ballast	.....
Nuevo Panama [2]	9	10	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	212
Lafcomo	9	10	Amer.	Weyerhaeuser S.S. Co.	Warrenton, Oreg.	Newark, N. J.	Lumber	7,200
Luna [2]	8	12	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(19)	11
Sambu [2]	8	10	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	15
Tuira [2]	9	10	Pan.	Julio Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	44
Steelore	10	10	Amer.	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,000
Arizonan	9	10	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Gen., lumber	8,606
Arna [2]	9	10	Nor.	N. Negros Sugar Co.	Iloilo, P. I.	Eastcoast, U.S.A.	Sugar	7,500
Buenos Aires [2]	9	10	Swed.	Johnson Line	Honolulu, T. H.	Stockholm, Swed.	Fruit, gen.	8,121
Kahuku	10	10	Amer.	Matson Nav. Co	Kahului, T. H.	New York, N. Y.	Sugar, gen.	8,200
Port Darwin	10	10	Brit.	Mont.-Aust.-N.Z.Line	Sydney, Australia	Montreal, Canada	General	6,138
Preradovic	10	10	J-Slav.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores.[14]	Nit. of soda.	8,030
Benjamin Franklin.[2]	10	10	Nor.	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	Fruit, gen.	7,976
Cathwood [1]	10	10	Amer.	Union Oil of Calif.	San Luis, Calif.	Warners, N. J.	Crude oil	9,262
Koyei Maru [2]	10	10	Jap.	United Ocean Trsp.Co	Iloilo, P. I.	New York, N. Y.	Sugar, gen.	9,114

[1] Tanker. [2] Motor ship. [8] Transport. [13] Gunboat. [14] For orders. [15] Benzine, kerosene. [16] Canned fish, crab. [17] Coconut oil, general. [18] Kerosene solvent. [19] Plantains, lumber.

Density of Water in Balboa and Cristobal Harbors

Place.	Weight of sea water in ounces per cubic ft.			Rainy season. Average temperature. Degrees F.
	Average.	Maximum.	Minimum.	
Cristobal (between docks 8 and 9)	1018	1020	1013	84.0
Balboa (dock 18)	1011	1021	1005	83.0

(NOTE.—The above is based on two months' observations at Cristobal and Balboa. Average taken at 12-foot depth. Minimum occurred after heavy rain at 3-foot depth at Cristobal and 12-foot depth at Balboa. The weight of a cubic foot of fresh water at 85° F. is 995 ounces.

THE PANAMA CANAL RECORD

OFFICIAL PUBLICATION OF THE PANAMA CANAL

PUBLISHED MONTHLY

Subscription rates, domestic, $0.50 per year; foreign, $1.00; address The Panama Canal Record, Balboa Heights, Canal Zone, or, for United States and foreign distribution, The Panama Canal, Washington, D. C.

Entered as second-class matter February 6, 1918, at the Post Office at Cristobal, C. Z., under the Act of March 3, 1879.

Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Volume XXXI Balboa Heights, C. Z., November 15, 1937 No. 4

Traffic Through the Panama Canal in October 1937

The total vessels of all kinds transiting the Panama Canal during the month of October 1937, and for the same month in the two preceding years, are shown in the following tabulation:

	October 1935	October 1936	October 1937		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	441	482	240	221	461
Small commercial vessels [1]	51	43	49	33	82
Noncommercial vessels:					
United States Government	27	43	17	16	33
Colombian Government	1	.....	.....	1	1
For repairs	2	1	2	.....	2
Total	522	569	308	271	579

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month for the 12 months ended October 31, 1937, as compared with the same period in the previous year:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7
November	418	368	2,165,559	1,768,738	2,050,422	1,747,368	$1,796,820.57	$1,488,054.25
December	459	341	2,382,602	1,655,501	2,187,731	1,538,503	1,997,206.74	1,366,388.58
January	472	399	2,411,073	1,915,787	2,148,935	1,855,937	2,018,543.52	1,598,323.51
February	452	377	2,322,013	1,940,611	2,155,031	1,839,788	1,952,682.73	1,602,306.30
March	526	536	2,714,768	2,770,451	2,634,150	3,016,418	2,293,874.51	2,355,149.04
April	482	473	2,483,561	2,460,549	2,430,134	2,652,880	2,079,730.70	2,067,026.68
May	488	544	2,504,215	2,839,127	2,419,652	2,950,925	2,081,103.73	2,376,706.36
June	481	472	2,449,127	2,450,018	2,459,752	2,670,466	2,073,359.39	2,070,337.89
July	456	457	2,364,539	2,395,306	2,450,324	2,476,366	1,999,105.18	2,029,642.45
August	473	505	2,398,306	2,597,119	2,396,331	2,780,603	2,051,540.28	2,195,308.87
September	466	444	2,428,317	2,312,725	2,526,366	2,385,142	2,045,440.82	1,935,673.78
October	482	461	2,499,678	2,359,406	2,463,069	2,438,788	2,081,758.23	1,981,087.87
Total	5,655	5,377	29,123,758	27,465,338	28,321,897	28,353,184	24,471,166.40	23,066,005.58

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

SMALL COMMERCIAL TRAFFIC

The following statement shows the number of small commercial vessels under 300 net tons measurement (Panama Canal net), which transited the Panama Canal during the month of October 1937. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	49	2,638	$2,313.74	1,292
Pacific to Atlantic	33	1,704	1,856.82	2,039
Total	82	4,342	4,170.56	3,331

Traffic by Nationality of Vessels[3] for October 1937

Nationality	No. of transits	Panama Canal net tonnage	Tons of cargo	Nationality	No. of transits	Panama Canal net tonnage	Tons of cargo
British	98	542,820	499,491	Netherland	20	54,218	40,810
Danish	20	81,151	76,170	Norwegian	55	271,879	287,905
French	8	46,667	56,034	Panamanian	14	35,110	58,454
German	29	109,444	126,411	Swedish	9	44,706	78,240
Greek	7	29,604	20,467	United States	163	930,464	979,707
Honduran	1	1,705	869	Yugoslav	2	7,527	12,935
Hungarian	2	7,964	6,050				
Italian	5	36,023	21,996	Total	461	2,359,406	2,438,788
Japanese	28	160,124	173,249				

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Trade Routes, October 1937

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route.

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	56	328,320	231,149	59	341,633	453,540
East coast United States and:						
Canada	3	13,303	5,282	2	8,350	13,658
Central America				2	6,311	8,070
South America	22	93,452	35,584	18	82,538	193,769
Balboa	1	4,963	2,269			
Hawaiian Islands	3	15,016	4,934	5	25,821	40,677
Australasia	6	40,786	42,680	2	9,574	14,544
Philippine Islands	10	65,714	48,486	18	105,525	136,410
Far East	29	152,969	197,394	3	18,777	18,037
Canadian intercoastal	3	12,811	9,868			
East coast Canada and:						
United States	1	5,956				
South America				4	24,006	50,167
Australasia	3	16,578	15,429	4	24,098	23,286
Far East	1	6,560	7,467			
East coast Central America and:						
South America				1	4,069	
Australasia	2	9,329	15,442			
South American intercoastal	4	6,907	6,411			
East coast South America and:						
United States	1	4,723	1,287	1	5,026	7,338
Canada	1	5,007	2,743			
Far East	2	12,697	9,409			
Cristobal and:						
Central America	4	3,727	3,020	4	3,727	1,136
South America	13	7,488	2,853	16	10,255	11,624
West Indies and:						
United States	3	16,164		3	14,695	28,705
Canada	2	7,735				
South America	2	13,429	28,059			
Balboa	2	12,598	17,840	1	4,963	2,344
Far East	1	6,326	12,461			
Europe and:						
United States	9	32,338		7	38,736	55,161
Canada	25	147,638	71,430	34	178,023	238,518
South America	22	121,400	46,809	22	118,918	179,684
Hawaiian Islands				1	5,672	8,121
Australasia	5	48,080	30,778	7	55,531	49,471
Far East	1	5,792	5,082	3	14,218	22,429
Africa and Canada				1	4,227	6,234
Asia and United States				1	2,881	2,158
Egypt and South America				1	3,296	6,475
Around the world	2	18,505	5,908	1	6,523	7,158
Foreign vessels in ballast (United States intercoastal)	1	5,702				
Total	240	1,242,013	860,074	221	1,117,393	1,578,714

Origin and Destination of Cargo by Major Areas, October 1937

The following table summarizes the origin of cargo passing through the Canal in October 1937, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	234,845	15,371	243,213	34,774	42,680	570,883
Other North America	4,127	29,414	15,150	35,721	30,871	115,283
Europe	44,679	24,180	5,082	43,600	30,778	148,319
Miscellaneous	6,217	275	13,677	5,420	.....	25,589
Total	289,868	69,240	277,122	119,515	104,329	860,074

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	445,342	39,954	166,945	14,446	666,687
Canada	13,658	856	129,990	6,479	150,983
Other North America	46,765	5,560	3,315	.....	55,640
South America	191,365	64,857	178,993	6,504	441,719
Australasia	18,814	21,158	47,329	.....	87,301
Asia	149,826	4,022	22,429	107	176,384
Total	865,770	136,407	549,001	27,536	1,578,714

Principal Commodities

Commodities which aggregated 10,000 or more tons either during October 1937, or in October 1936, are listed below:

Commodity	October		Commodity	October	
	1936	1937		1936	1937
Atlantic to Pacific			*Pacific to Atlantic*		
Ammonium compounds	11,100	3,920	Asphalt and tar	9,575	10,374
Asphalt and tar	25,625	18,115	Barley	20,738	25,878
Automobiles and parts	18,023	18,917	Beans	15,456	26,052
Canned goods, various	13,703	14,201	Borax	10,929	209
Cement	24,716	18,993	Canned goods, various	181,740	144,859
Chemicals	10,093	10,518	Coffee	4,443	12,445
Coal and coke	17,397	12,211	Cold storage (food products) [4]	17,935	16,595
Cotton, raw	55,782	6,948	Copra	10,650	21,398
Creosote	8,860	11,707	Flour	30,465	31,461
Iron and steel	131,750	200,471	Fruit, dried	57,087	45,643
Machinery	10,508	13,841	Fruit, fresh [5]	33,380	28,152
Manufactured goods	8,779	13,470	Lumber	313,657	284,441
Metals, various	15,022	53,997	Metals, various	52,644	59,857
Oils	47,022	110,041	Nitrates	48,431	50,979
Paper	42,336	31,845	Oils, mineral	275,601	207,768
Phosphates	29,876	26,878	Ores, various	105,678	200,081
Scrap metal	91,029	38,116	Paper	12,538	9,589
Sulphur	33,366	46,680	Soy beans	17,700	9
Tinplate	9,312	14,570	Sugar	121,943	154,738
Wood pulp	13,291	9,720	Wheat	111,177	44,123
			Wood pulp	15,189	39,397

[4] Except fresh fruit. [5] Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of October 1937, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo"; the statistics

are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	.....	7
Agricultural implements	1,502	131	6,397	254
Alfalfa meal	.....	638	.....	663
Ammonium compounds	216	232	3,920	232
Animal foods [6]	19	50	19	62
Apparel, wearing (hats, shoes, clothing, etc.)	57	.....	57	1
Asbestos	176	106	560	116
Asphalt and tar	396	9,467	18,115	10,374
Automobiles (and autotrucks)	2,943	39	12,368	44
Automobile parts and accessories	503	182	6,549	192
Bamboo and products	.....	58	.....	773
Bags and bagging, textile	16	.....	64	200
Bananas	.....	.....	.....	2,143
Barks, miscellaneous	.....	29	42	537
Barley	.....	106	.....	25,878
Beans, edible, dry	.....	10,630	43	26,052
Beer	.....	.....	219	.....
Beverages, nonalcoholic	145	11	162	11
Blood and tankage	.....	.....	50	180
Bones and bone meal	.....	18	1,111	118
Books and printed matter	.....	150	19	150
Borax	.....	1,068	209	9,537
Bran and pollards	.....	.....	26	2,631
Bricks and tile	161	.....	1,038	.....
Camphor, crude	.....	.....	.....	50
Canned and preserved goods:				
Fish	767	20,223	988	40,658
Fruit	409	43,166	508	74,168
Meat	156	209	1,106	603
Milk	44	523	370	798
Soup	3,865	28	4,008	28
Vegetables	2,335	15,362	2,431	15,502
Miscellaneous and unclassified	3,064	6,792	4,790	13,102
Carbon black	27	.....	403	.....
Celite	.....	985	.....	985
Cement	796	50	18,993	50
Chalk	.....	.....	537	.....
Charcoal	59	.....	320	.....
Chemicals [6]	4,263	4,169	10,518	4,955
Clay, china and fire	631	565	1,395	698
Clay, filtering	484	238	2,799	238
Coal	2,421	.....	2,520	.....
Cocoa and cacao beans	339	16	986	1,121
Coconuts and products [6]	61	1,483	178	2,429
Coffee	45	67	5,507	12,445
Coke	.....	.....	9,691	.....
Cold storage and refrigerated products:				
Dairy products	47	30	183	9,160
Eggs	.....	50	.....	218
Fish	.....	.....	79	623
Lard	406	.....	522	52
Meats	.....	21	221	6,461
Vegetables	121	17	122	81
Other and unclassified	.....	.....	15	.....
Confectionery	813	.....	865	.....
Copra	.....	63	.....	21,398
Copra meal and cake	.....	.....	.....	1,149
Corn	.....	.....	45	.....
Cotton, raw	136	530	6,948	8,499
Creosote	25	.....	11,707	.....
Drugs and medicines	1,599	90	1,834	103
Dyes	.....	.....	40	6
Earthenware	18	10	55	135
Eggs, dried	.....	31	.....	31
Electrical apparatus and appliances	1,140	184	2,242	184
Explosives	10	.....	992	.....
Extract, quebracho	.....	.....	200	.....
Enamelware and metalware	219	.....	238	207
Fertilizers [6]	20	100	2,490	5,200
Fish, salted or dry-cured	.....	.....	.....	184
Fish meal	.....	.....	1	691
Floor coverings	1,927	695	2,034	815
Flour	121	26,117	311	31,461
Fruit, dried	13	22,764	73	45,643
Fruit, dresh [6]	314	3,638	359	28,152
Furniture and household goods	388	35	446	42
General	20,010	7,512	50,077	15,384

[6] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Glass and glassware	1,701	174	4,670	1,287
Glue	126	21	150	21
Groceries	1,179	450	1,561	1,054
Gums	.....	176	.....	318
Grains [6]	.....	.....	3,900	312
Hair, all kinds	175	50	240	292
Hay	.....	28	.....	53
Hemp, unmanufactured	.....	187	5	2,659
Honey	.....	304	97	1,039
Horns and hoofs	.....	.....	94	.....
Infusorial earth	.....	125	.....	257
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	98,368	721	200,471	832
Ivory nuts	.....	.....	277	2,282
Jute, unmanufactured	59	.....	280	.....
Lard substitute	348	10	353	10
Lime	50	.....	107	.....
Liquors	3,485	668	6,117	682
Lumber (including manufactured mill products)	1,283	142,793	3,408	284,441
Machinery	3,790	929	13,841	1,450
Malt	.....	.....	86	.....
Manufactured goods [6]	7,781	1,452	13,470	2,362
Marble and granite	54	.....	399	.....
Matches	179	199	256	199
Metals:				
Antimony	.....	.....	36	443
Copper	153	2,884	3,293	33,563
Gold and silver	.....	.....	.....	13
Iron	268	.....	49,604	1,000
Lead	50	885	60	16,817
Tin	459	113	587	2,327
Zinc	75	4	417	5,198
Other and unclassified	421	4	594	496
Milk, powdered	18	574	42	1,168
Molasses and syrups	401	.....	411	1,050
Nitrate	.....	.....	5,127	50,979
Nuts, edible (including meats)	122	1,077	316	2,111
Oats	99	173	100	2,482
Oils, mineral:				
Crude	.....	10,062	333	115,249
Gas and fuel	.....	20	58,381	8,386
Gasoline, benzine, and naphtha	.....	29,754	21,628	57,107
Kerosene	18	18,610	2,012	26,058
Lubricating and greases	6,144	478	27,611	916
Other and unclassified	76	.....	76	52
Oils, vegetable:				
Coconut	.....	.....	15	10,028
Cottonseed	170	.....	236	29
Linseed	544	.....	639	.....
Olive	.....	87	160	87
Peanut	15	.....	15	.....
Rapeseed	.....	.....	.....	221
Teaseed	.....	.....	.....	39
Wood	41	24	55	683
Other and unclassified	30	.....	229	3,191
Oil, fish	.....	1	86	299
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	47	301	3,435
Oilseed cake and meal	472	.....	472	5,696
Ores:				
Antimony	.....	.....	56	279
Chrome	57	.....	57	18,939
Copper	.....	.....	1,289	3,814
Gold and silver	.....	.....	1,900	2,184
Iron	.....	.....	336	158,460
Lead	.....	.....	.....	3,805
Magnesite	.....	457	.....	457
Manganese	20	.....	23	6,531
Tin	.....	84	52	1,734
Zinc	45	.....	95	3,399
Other and unclassified	36	60	147	479
Paints and varnishes	1,224	102	2,362	169
Paper and paper products [6]	9,584	7,911	31,845	9,589
Peanuts	314	.....	314	7
Peas, dry	.....	495	.....	1,052
Peatmoss	.....	.....	951	.....
Phosphates	382	41	26,878	41
Porcelainware	366	101	1,842	3,554
Potash	34	3,892	4,225	3,892
Pyrethrum flowers	.....	.....	.....	928
Rags and waste	80	109	556	1,724
Railroad material	1,161	.....	4,294	.....
Rice	242	.....	385	5,329

[6] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rope and twine	130	17	130	40
Rosin	433	.....	1,404	3
Rubber:				
Manufactured	987	238	1,466	504
Raw	.....	28	1	4,365
Scrap	.....	.....	240	91
Salt	130	191	4,126	191
Sand	50	.....	6,814	875
Scrap metal	225	94	38,116	711
Seeds (except oilseeds)	100	557	378	1,292
Shells, oyster	161	.....	731	170
Silk, raw	.....	160	72	2,187
Skins and hides	.....	929	703	3,921
Slag	.....	.....	800	.....
Slate	1,130	.....	1,130	.....
Soaps and products	1,498	98	1,598	181
Soda and sodium compounds:				
Soda ash	965	.....	2,216	450
Soda, caustic	175	.....	1,868	.....
Miscellaneous and unclassified	323	.....	2,200	8,616
Soy beans	22	.....	24	9
Sugar	20	6,712	36	154,738
Sulphur	27,845	.....	46,680	351
Talc	38	242	53	372
Tallow	104	565	172	1,936
Tea	49	126	489	2,601
Textiles [7]	2,967	65	8,023	3,503
Tinplate	1,152	186	14,570	211
Tobacco and manufactures	218	54	3,226	251
Toilet preparations	375	20	428	23
Turpentine	199	.....	645	.....
Vegetables, dry [6]	.....	3	758	61
Wall board	175	.....	577	1,206
Wax, paraffin	114	1	652	48
Wheat	.....	2,961	7,920	44,123
Wines	245	1,847	716	2,977
Wood pulp	60	24,026	9,720	39,397
Wool	29	1,208	52	4,407
Total, October 1937	234,845	445,342	860,074	1,578,714
Total, October 1936	214,618	530,923	796,094	1,666,975
Total, October 1935	226,418	494,973	684,515	1,544,021

[6] Except as otherwise classified. [7] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows, according to trade route, the tanker traffic through the Canal during the month of October 1937:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	3	20,113	.....	7	35,561	[9] 67,025
East coast United States and:						
South America	1	4,150	.....	1	6,730	.....
Balboa	1	4,963	2,269	.....	.....	.....
Far East	1	7,503	13,201	.....	.....	.....
East coast Canada and South America	.....	.....	.....	4	24,006	50,167
East coast Central American and South America	.....	.....	.....	1	4,069	.....
South American intercoastal	1	4,455	3,958	.....	.....	.....
West Indies and:						
United States	3	16,164	.....	3	14,695	28,705
Balboa	2	12,598	17,849	1	4,963	2,344
South America	2	13,429	28,059	.....	.....	.....
Far East	1	6,326	12,461	.....	.....	.....
Europe and:						
United States	5	20,608	.....	1	5,994	11,320
Canada	1	5,695	[8] 11,672	.....	.....	.....
South America	2	9,842	.....	5	27,514	54,955
Total	23	125,846	89,460	23	123,532	214,516

[8] Creosote. [9] Includes 9,412 tons of petrolastic asphalt.

Comparison of Canal Traffic in October 1937, with October Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of October			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1914	83	[10] 322	425	1915	[11] 100	361	465
1915				1916	60	199	258
1916	151	482	617	1917	145	483	588
1917	164	522	600	1918	165	547	627
1918	181	552	657	1919	162	510	576
1919	191	670	705	1920	199	712	781
1920	226	934	991	1921	232	950	966
1921	249	1,069	985	1922	222	951	907
1922	291	1,310	1,446	1923	325	1,550	1,631
1923	420	2,139	2,127	1924	429	2,179	2,249
1924	383	1,923	2,018	1925	382	1,904	1,996
1925	406	1,955	2,009	1926	424	2,064	2,169
1926	435	2,124	2,374	1927	441	2,184	2,311
1927	551	2,584	2,716	1928	521	2,453	2,468
1928	543	2,514	2,581	1929	524	2,485	2,554
1929	554	2,747	2,844	1930	502	2,497	2,502
1930	506	2,583	2,393	1931	447	2,314	2,089
1931	384	2,081	1,768	1932	364	1,968	1,650
1932	367	1,987	1,581	1933	347	1,900	1,513
1933	433	2,414	2,124	1934	436	2,379	2,059
1934	467	2,516	2,173	1935	432	2,317	2,109
1935	441	2,358	2,229	1936	449	2,335	2,209
1936	482	2,500	2,463	1937	467	2,421	2,531
1937	461	2,359	2,439	[12]	467	2,404	2,507

[10] Canal opened August 15, 1914. [11] Average for 10½ months. [12] Average 10 months of calendar year 1937.

Terminal Activities

Ships repaired during the month of October 1937, numbered 56. Vessels released from drydock numbered 13. Fuel oil in the quantity of 246,459 barrels was delivered as bunkers to 120 commercial ships. Bunker coal amounting to 6,898 tons was delivered to 22 commercial ships. Sales of commissary supplies to ships aggregated $54,529.67.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ... tons	21,037	10,126	31,163
Local cargo shipped ... tons	2,598	4,194	6,792
Cargo received for transshipment ... tons	44,527	1,544	46,071
Cargo transshipped ... tons	45,609	590	46,199
"Canal Zone for Orders" cargo:			
Number of receipts issued	10	4	14
Number of releases issued	43	17	60
Tons received	47	20	67
Tons withdrawn	35	10	45

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	543	3,134,065	1,879,072	514	2,923,639	1,750,865
Vessels entering port but not transiting Canal	61	313,671	180,601	16	74,055	43,848
Vessels transiting Canal and handling passengers and cargo at terminal ports	113	715,388	416,021	109	760,522	442,517
Ships clearing						
All vessels, including those transiting Canal	545	3,160,759	1,895,391	510	2,932,881	1,755,149
Vessels clearing port but not transiting Canal	63	326,470	188,091	13	73,050	41,319
Vessels transiting Canal and handling passengers and cargo at terminal ports	114	722,170	420,441	109	776,836	453,531

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, October 10, 1937, to midnight, November 10, 1937. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Quirigua, 14, 222
Santa Paula, 500, 2
Istmo, 722, 504
Ward, 170, 0
Santa Lucia, 250, 5
President Lincoln, 168, 0
Losada, 65, 27
San Rafael, 490, 36
Winnipeg, 1,332, 174
Trois Ilets, 369, 120
Este, 351, 519
Cefalu, 329, 645
Acajutla, 294, 638
Ammon, 0, 222
Kiyosumi Maru, 652, 0
Virgilio, 159, 158
Colombie, 88, 1,775
Cristobal, 3,749, 958
Santa Barbara, 225, 1
Frederic R. Kellogg, 1,281, 0
Patricia, 11, 950
Taketoyo Maru, 322, 0
Peten, 129, 9
Sagua, 222, 0
Santa Rosa, 115, 67
Stella Lykes, 483, 440
Osnabruck, 66, 47
Hermonthis, 49, 22
D. G. Scofield, 11,442, 0
Santa Marta, 566, 383
Clio, 257, 467
Colombia, 90, 1,244
Ulua, 334, 402
Costa Rica, 0, 736
Manizales, 1,187, 0
Durazzo, 1,114, 548
Istmo, 723, 231
Nuevo Panama, 0, 153
Indiana, 51, 575
Helder, 171, 721
Peten, 61, 183
Counsellor, 198, 46
Cordillera, 156, 32
Fulda, 66, 163
Mayan, 251, 829
Santa Maria, 325, 39
Port Antonio, 60, 567
San Gabriel, 636, 0
Contessa, 211, 408
Oakland, 162, 217
D. L. Harper, 6,971, 0
Pasajero, 23, 3
Sona, 0, 53
Orbita, 47, 481
Turrialba, 186, 0
Lochmonar, 176, 37
Hoyanger, 1, 0
Nako Maru, 590, 0
Steel Worker, 301, 0
Ino, 619, 47
Veragua, 31, 7
Metapan, 778, 173
Santa Rita, 330, 37
Buenaventura, 1,405, 611
San Francisco, 118, 0
Haiti, 63, 1,362
Toloa, 415, 498
West Camargo, 149, 0
Ardenvohr, 16, 0
Tacoma, 229, 613
Cali, 857, 356
Istmo, 722, 133
Chincha, 114, 0
Trois Ilets, 379, 65
Veragua, 39, 229
Santa Inez, 206, 0
Itauri, 78, 236
Cordillera, 0, 625
Leme, 127, 172
Simon Bolivar, 187, 5
Santa Elena, 704, 24
San Angelo, 295, 19
Louisiana, 272, 421
Cefalu, 421, 568
Ino, 385, 49
Lauritz Swenson, 23, 279
Real, 0, 36
Sona, 0, 31
Salvador, 250, 0
Dresden, 63, 73
Roda, 208, 124
Abraham Lincoln, 191, 136
Vinni, 1,743, 0
Balboa, 0, 210
Damsterdijk, 147, 44
Ancon, 3,372, 933
Nordstjernan, 115, 0
Zacapa, 252, 0
Santa Lucia, 100, 10
Quirigua, 23, 10
Sixaola, 354, 461
Genevieve Lykes, 521, 246
Santa Paula, 350, 205
Portland, 459, 113
Clio, 667, 113
Manizales, 0, 253
Cerigo, 1,247, 324
Barneveld, 243, 562
Kongo Maru, 351, 0
Triton, 901, 0
Calamares, 456, 430
Aller, 568, 58
Loriga, 464, 0
Salvador, 0, 895
Loriga, 0, 12
Simon Bolivar, 0, 1,435
New York, 975, 0
Quirigua, 46, 419
Custodian, 408, 8
Surrey, 518, 0
Oropesa, 107, 0
Trois Ilets, 379, 0
Phrygia, 0, 884
Santa Clara, 334, 3
Amerika, 6, 109
Contessa, 719, 610
Istmo, 722, 208
Pereira, 650, 1,295
Orduna, 29, 714
Oregon, 159, 345
Lysefjord, 15, 401
Santa Maria, 320, 2
Canada, 0, 226
Sanyo Maru, 1,077, 84
Darien, 212, 0
San Bruno, 847, 0
Pasajero, 0, 29
San Anselmo, 168, 39
Gera, 0, 30
Guayaquil, 1,520, 520
President Pierce, 0, 1
Peten, 31, 29
Tivives, 395, 115
Drechtdijk, 95, 93
Santos Maru, 0, 156
Benedick, 11,245, 0
Bretagne, 209, 761
Weser, 188, 406
Indien, 645, 19
Adalia, 0, 2,163
Ulua, 709, 448
Saarland, 189, 364
Clio, 347, 327
Durazzo, 1,286, 611
Pastores, 97, 1,008
Goslar, 692, 0
Peten, 42, 520
Commissaire Ramel, 0, 14
Mantilla, 3,476, 0
Santa Rosa, 797, 32
Wyoming, 306, 212
Trois Ilets, 379, 0
Ino, 636, 0
Camden, 1,064, 0
Santa Barbara, 424, 8
Nurnberg, 129, 192
Annie Johnson, 89, 5
Laguna, 1, 105
Schwaben, 574, 316
Cefalu, 372, 730
Virgilio, 7, 209
Yamazato Maru, 800, 36
Crynssen, 116, 1
Real, 0, 31
Sambu, 0, 41
Acajutla, 727, 0
Nebraska, 250, 254
Munchen, 41, 1,018
Istmo, 752, 0

BALBOA

Santa Paula, 210, 1
Santa Lucia, 36, 0
Ward, 73, 0
Rangitane, 93, 0
Pereira, 0, 10
Este, 453, 0
Santa Barbara, 179, 16
Iocoma, 369, 0
Santa Rosa, 22, 0
Vega, 150, 26
Chiriqui, 611, 36
Charcas, 0, 21
Santa Maria, 9, 0
D. L. Harper, 8,426, 0
Pennsylvania, 30, 124
Santa Rita, 187, 42
President Polk, 20, 0
Leme, 487, 0
Samuel Bakke, 55, 0
Hoegh Hood, 11,608, 0
Sirius, 15, 0
Talamanca, 647, 44
Santa Elena, 191, 10
Santa Inez, 9, 0
Akaroa, 46, 0
Salvador, 1, 0
Cuba Maru, 52, 0
Nyhorn, 1,970, 0
Republic, 470, 15
Louisianan, 2, 0
Damsterdijk, 0, 130
Nailsea Meadow, 132, 1
Triton, 509, 0
Antares, 9, 0
Santa Lucia, 0, 7
Fisherman II, 240, 0
Warwick, 212, 0
Santa Paula, 2, 40
Portland, 117, 245
Clio, 0, 2
Manizales, 0, 136
Antigua, 684, 48
Santa Clara, 17, 0
Santa Maria, 115, 25
President Pierce, 13, 0
Cathwood, 9,740, 0
Chiriqui, 635, 22
Santa Rosa, 240, 0
Nurnberg, 97, 0
Pereira, 0, 46
Santa Barbara, 83, 176
Meton, 10,246, 0
Oliver Olsen, 3,142, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean-ship passengers disembarking at Cristobal numbered 2,409; embarking 2,550; at Balboa, 1,419 disembarking and 1,254 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 5,795, from the Pacific to the Atlantic, 3,658. Aircraft numbering 53 entered Cristobal, and 224 passengers disembarked; clearances were 52, with 184 passengers embarking; at Balboa entries of aircraft were 64, with 120 disembarking; clearances, 64, with 97 passengers embarking.

Largest Ship Repair Job Completed in October by Mechanical Division on S. S. "Bennekom"

Repairs to the S. S. *Bennekom*, the largest repair job ever undertaken by the Mechanical Division of The Panama Canal, were completed on October 20, 1937. This vessel, which had been aground on Negrilla Rocks near Buenaventura, Colombia, was floated on June 30 and towed to Balboa for drydocking, arriving July 2. It was in drydock from July 3 to 12 for temporary repairs, to permit removal of salvage equipment, and examination. Cargo and fuel oil were removed. It was again drydocked from July 19 to October 11 for permanent repairs which were completed on October 20.

Movements of Ocean Vessels Through the Panama Canal

From midnight October 10, 1937, to midnight November 10, 1937

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Washington [2]	10	11	Fr.	French Line	Antwerp, Belgium	Vancouver, B. C.	([16])	7,482
Durazzo	9	11	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	B'ventura, Col.	General	101
Chickasaw City	11	11	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Osaka, Japan	Steel	8,017
Albion Star	11	11	Brit.	Blue Star Line	Liverpool, Eng.	Vancouver, B.C.	Ballast	
Katsuragi Maru [2]	11	11	Jap.	Kokusai Kisen Kaisha	St. John, N. B.	Moji, Japan	Gen., steel	7,467
Nebraskan	12	12	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	1,978
Flomar	12	12	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen	7,977
Istmo	11	12	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	220
Olympia Maru [2]	12	12	Jap.	Mitsubishi Shoji K.	Pt. Tampa, Fla.	Yokohama, Japan	Phos. rock	8,367
Pereira	6	12	Pan.	Grace Line	Cristobal, C. Z.	Cham'ico, Guat.	General	859
San Rafael	12	13	Amer.	Quaker Line	New York, N. Y.	Seattle, Wash.	General	4,286
Baru [2]	12		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Este	12	14	Ger.	North German Lloyd	Bremen, Germany	Portland, Oreg.	General	7,254
Mobiloil [1]	12	13	Amer.	Socony Vac. Oil Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	
Csikos	13	13	Hung.	Chile Nit. Sales Corp.	Cardiff, England	Iquique, Chile	Ballast	
Borgestad [2]	13	13	Nor.	Anglo-Can. S. S. Co.	Sorel, Canada	Vancouver, B. C.	Ballast	
Trois Ilets	12	13	Fr.	French Line	Cristobal, C. Z.	Manta, Ecuador	General	114
Sambu [2]	12		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C Z.	Ballast	
Sona [2]	12		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Luna [2]	12	13	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
President Taft	14	15	Amer.	Dollar Line	New York, N. Y.	Manila, P. I.	General	4,111
Virgilio [2]	13	14	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile.	General	925
Thalatta [2]	13	14	Nor.	Polarus S. S. Co.	Philadelphia, Pa.	Yokohama, Japan	Pig iron	8,944
Bethore	13	14	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Robert Luckenbach.	14	14	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,600
Edwin Christenson.	14	14	Amer.	Sudden & Christenson	Baltimore, Md.	Seattle, Wash.	General	2,978
Athenic	14	14	Brit.	K. K. K. Line	Tampa, Fla.	Yokohama, Japan	Phosphate	8,142
Fairfield City	14	14	Amer.	Isthmian S. S. Lines	New York, N. Y.	Hongkong, China	General	7,685
Miss C. B. [3]	14	15	Brit.	I. D. Hunter	Tampa, Fla.	Tumaco, Colom.	Machinery	35
Santa Barbara [2]	14	15	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	2,527
Point Estero	14	14	Amer.	Swayne & Hoyt	Houston, Tex.	Seattle, Wash.	General	6,424
Maimoa	14	14	Brit.	Shaw, Savill & Albion.	Glasgow, Scotland	Dunedin, N. Z.	Gen., explos.	5,506
Lt. Col. H. C. Schumm. [4]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	
Kiyokawa Maru [2]	14	14	Jap.	Kawasaki Kisen K.	New York, N. Y.	Moji, Japan	Steel, gen	5,690
Azumasan Maru [2]	14	14	Jap.	Mitsui Bussan Kaisha.	New York, N. Y.	Moji, Japan	Iron, steel	6,927
Charleston [12]	8		Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Frederic R. Kellogg. [1]	14		Amer.	Standard Oil of N. J.	Baton Rouge, La.	Balboa, C. Z.	([17])	7,992
Gretavale	14	15	Brit.	Chile Nit. Sales Corp.	Norfolk, Va.	Tocopilla, Chile.	Ballast	
Trontolite [1] [2]	14	15	Brit.	Imperial Oil Co.	Barranquilla, Col.	B'ventura, Col.	Gasoline	3,958
Asosan Maru [2]	15	15	Jap.	Mitsui & Co.	Baltimore, Md.	Yokohama, Japan	Oil, mach'y.	7,192
Tamaroa	15	16	Brit.	Shaw, Savill & Albion.	London, England	Pt. Chalmers, N.Z	General	3,480
Tozan Maru	15	15	Jap.	Mitsui Line	Norfolk, Va.	Dairen, China	Steel, nitrate	5,652
Osnabruck [2]	15	15	Ger.	North German Lloyd.	Hamburg, Ger.	Valparaiso, Chile.	General	5,948
Santa Rosa	15	16	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	2,597
Hopestar	15	15	Brit.	Chile Nit. Sales Corp.	Hamburg, Ger.	Chile	Ballast	
Vega [13]	14	18	Amer.	U. S. Navy	Norfolk, Va.	Bremerton, Wash	General	3,114
Port Wellington	15	16	Brit.	Port Line, Ltd	Glasgow, Scotland	Brisbane, Aust.	General	7,468
Victor Ross [1] [2]	16	16	Pan.	Standard Oil of N. J.	Aruba, N. W. I.	Iquique, Chile	Fuel oil	17,280
Welsh City	16	16	Brit.	Mitsubishi Kaisha	Everglades, Fla.	Yawata, Japan	Metal. scrap.	8,603
Bouvet [14]	16	16	Brit.	Chr. Salvesen & Co.	Greenock, Eng.	Antarctic	Ballast	
Sukha [14]	16	16	Brit.	Chr. Salvesen & Co.	Greenock, Eng.	Antarctic	Ballast	
Tweedbank [2]	16	16	Brit.	Bank Line, Ltd	Boston, Mass.	Shanghai, China.	General	4,860
Teal [10]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Helga	16	16	Dan.	Wessel, Duval & Co.	New York, N. Y.	Talcahuano, Chile	General	1,708
Hav [14]	16	16	Brit.	Sevilla Whaling Co.	Greenock, Eng.	Antarctic	Ballast	
Sabra [14]	16	16	Brit.	Chr. Salvesen & Co.	Greenock, Eng.	Antarctic	Ballast	
Satsa [14]	16	16	Brit.	Sevilla Whaling Co.	Greenock, Eng.	Antarctic	Ballast	
Sarna [14]	16	17	Brit.	South Georgia Co.	Grange'th, Eng.	Antarctic	Ballast	
Sourabaya [15]	16	17	Brit.	Chr. Salvesen & Co.	Rotterdam, Neth.	Antarctic	Supplies	8,900
Montanan	16	16	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,807
Shusa [14]	16		Brit.	Chr. Salvesen & Co.	Grange'th, Eng.	Antarctic	Ballast	
Sluga [14]	16		Brit.	Chr. Salvesen & Co.	Grange'th, Eng.	Antarctic	Ballast	
Stensby [2]	16	16	Dan.	Anglo-Can. S. S. Co.	Copenhagen, Den.	Vancouver, B. C.	Ballast	
Hamlin F. McCormick.	16	16	Amer.	McCormick S. S. Co.	Galveston, Tex.	Portland, Oreg.	Sulphur	4,343
D. G. Scofield [1]	15	16	Amer.	Standard Oil of Calif.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	
Clio [2]	15	16	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	424
Winslow [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
Steel Mariner	16	17	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Hilo, T. H.	Steel, gen	1,667
Baru [2]	16	17	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Panama, R. P.	Ballast	
Calmar	16	17	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen	8,170

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [12] Cruiser. [13] Cargo ship. [14] Whaler. [15] Whaling factory. [16] General, sand, coke. [17] Gasoline, kerosene.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Washington	17	17	Amer.	Weyerhaeuser S. S. Co	New York, N. Y.	Seattle, Wash.	Steel, gen.	3,315
Tuscaloosa City	17	17	Amer.	Isthmian S. S. Lines	Portland, Me.	Seattle, Wash.	General	5,485
Parthenia	17	17	Brit.	Donaldson Brothers	Glasgow, Scot.	N.Westm'er,B.C.	General	1,178
Salamaua [2]	17	18	Brit.	Sulphur Export Corp.	Galveston, Tex.	N. Plym'th. N. Z.	Sulphur	7,674
Tuira [2]	16	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	16	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Moffett [9]	18	20	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	.....
Port Hunter	17	18	Brit.	Port Line	London, England	Wellington, N. Z.	General	7,889
Liberty Glo	17	18	Amer.	McCormick S. S. Co.	Baltimore, Md.	Tacoma, Wash.	General	4,620
Uffington Court	18	18	Brit.	Chile. Nit. Sales Corp.	Galveston, Tex.	Callao, Peru	Wheat	7,748
Mount Parnes	18	18	Greek	Canadian Transp. Co.	Kingston, Jam.	Vancouver, B. C.	Ballast	.....
Nuevo Panama [2]	17	18	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	253
Indiana	17	18	Fr.	French Line	Antwerp,Belgium	Valparaiso, Chile.	Steel, iron	3,920
Helder	17	18	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	4,727
Istmo	17	18	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	300
City of Delhi	18	19	Brit.	Ellerman & Bucknall	Montreal,Canada	Adelaide, Aust'lia	General	6,300
Langleebrook	18	20	Brit.	Polaris S. S. Co.	Philadelphia, Pa.	Kobe, Japan	Pig iron	7,172
Durazzo	16	19	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	432
Indianan	19	19	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	3,840
Acajutla	12	20	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico. Guat.	General	637
Pat Doheny [1]	19	20	Amer.	Richfield Oil of Calif.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
City of Manila	19	19	Brit.	Amer.-Australian Line	New York, N. Y.	Sydney, Aust'lia.	General	5,092
Kwansai Maru [2]	19	19	Jap.	Osaka Shosen Kaisha.	Portland, Me.	Kobe, Japan	General	6,781
Porto Bello [3]	19	19	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	5
Craven [9]	18	20	Amer.	U. S. Navy	Boston, Mass.	Guayaquil, Ecua.	Ballast	.....
San Gabriel	19	20	Amer.	Pacific.-Atl. S. S. Co.	Philadelphia, Pa.	Tacoma, Wash.	General	2,678
Nevadan	20	20	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,329
D. L. Harper [1] [2]	20	21	Pan.	W. Tankschiff Rhed'i.	Aruba, N. W. I.	Talara, Peru	Fuel oil	8,425
Real [2]	19	20	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Panama, R. P.	Ballast	.....
Sona [2]	19	20	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Panama, R. P.	Gasoline	40
No. 5622 [13]	20	...	Pan.	Maria Menchan	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Celtic Monarch	20	21	Brit.	Canadian Transp. Co.	Montreal,Canada	Vancouver, B. C.	([15])	4,208
Lucerie	20	21	Brit.	Chile.Nit. Sales Corp.	Norfolk, Va.	Tocopilla, Chile	Ballast	.....
Hoyanger [2]	21	21	Nor.	Westfal, Larsen & Co.	BuenosAires,Arg.	Vancouver, B. C.	General	1,288
Orbita	20	22	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile.	General	2,001
Pennsylvania	22	23	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,382
Steel Worker	21	22	Amer.	Isthmian S. S. Lines.	Mobile, Ala.	Seattle, Wash.	Gen., steel	7,052
Madrono [1]	21	22	Nor.	H. P. Drewry	Baltimore, Md.	LaLibertad,Ecua.	Ballast	.....
Sidney M. Hauptman.	22	22	Amer.	McCormick S. S. Co.	Galveston, Tex.	Portland, Oreg.	Sulphur	9,000
Katrine Maersk [1] [2]	22	22	Dan.	Shell Oil Co.	Lisbon, Portugal.	Los Angeles, Cal.	Ballast	.....
Shiraha Maru	21	22	Jap.	Mitsubishi Shoji K.	Pt. Tampa, Fla.	Yokohama,Japan	Phos. rock	7,745
Ino [2]	21	22	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	43
Thurland Castle [2]	22	22	Brit.	Barber Line	New York, N. Y.	Hongkong, China	General	1,700
Noto Maru [2]	22	22	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	([16])	7,023
Enoch [3]	22	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[14]	.....	25
J-52 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Rio Gatun [5]	18	...	Pan.	Juan Diez	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Santa Rita [2]	22	23	Amer.	Grace Line	New York, N. Y.	Antof'gasta,Chile	General	2,160
St. Cuthbert [2]	21	23	Brit.	Warren Transp. Co.	Pto.Cabezas,Nic.	Corinto, Nic.	Iron, steel	327
President Polk	23	23	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal.	General	3,485
El Aleto [1] [2]	22	23	Brit.	C. T. Bowring & Co.	Ellesmere, Eng.	Cabo Bl'co, Peru.	Ballast	.....
Columbian	23	23	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,635
Horace Luckenbach.	23	23	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,469
San Francisco	23	23	Fr.	French Line	Havre, France	Vancouver, B. C.	General	5,910
West Camargo	23	24	Amer.	McCormick S. S. Co.	BuenosAires,Arg.	Seattle, Wash.	General	2,743
Akagi Maru [2]	23	24	Jap.	Nippon Yusen Kaisha	Rotterdam, Neth.	Kobe, Japan	General	5,082
Napier Star	24	24	Brit.	Blue Star Line	Liverpool, Eng.	New Zealand	General	8,800
British Columbia Express. [2]	24	24	Nor.	Fruit Express Line	Havre, France	Vancouver, B. C.	Ballast	.....
Losmar	24	24	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	6,367
Wind [2]	24	26	Nor.	Mitsubishi Shoji K.	Mobile, Ala.	Moji, Japan	Scrap iron	7,240
Sysla [1] [2]	24	24	Nor.	Eagle Oil Co.	Grangem'th,Eng.	Los Angeles, Cal.	Ballast	.....
Point Judith	24	24	Amer.	Swayne & Hoyt	Beaumont, Tex.	Seattle, Wash.	General	5,563
Vancouver City [2]	24	24	Brit.	Reardon-Smith Line.	Mobile, Ala.	Kobe, Japan	General	8,579
African Reefer [2]	24	24	Dan.	J. Lauritzen	Hamburg, Ger.	Seattle, Wash.	Ballast	.....
Tuira [2]	23	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tacoma	23	25	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	([17])	7,102
Pacific President [2]	24	25	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	1,360
Mathew Luckenbach.	24	25	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	General	6,953
Mauna Loa	25	25	Amer.	Matson Nav. Co.	New York, N. Y.	Honolulu, T. H.	Gen., steel	1,341
Hamakua	25	25	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Tacoma, Wash.	Steel, gen.	4,834
Istmo	24	25	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Tumaco, Colom.	General	250
Cali	23	25	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	322

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [9] Destroyer. [13] Cayuco. [14] For bananas and return to Cristobal. [15] General and concentrates. [16] Steel, general, lubricating oil. [17] General, iron, steel, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Mayan	18	25	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	785
Itauri	25	25	Ger.	Hamburg-Amer. Line	Hamburg, Ger.	Valparaiso, Chile.	General	4,617
City of Hankow	25	26	Brit.	Ellerman-Hall Line	Paulsboro, N. J.	Brisbane, Aust.	General	6,909
Glorian[5]	20	...	Amer.	D. S. Richart	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Flo[5]	...	...	Pan.	W. L. Stilson	Cristobal, C. Z.	Gatun, C. Z.	2 calves	.....
Cedarbank[2]	25	26	Brit.	Bank Line, Ltd	Houston, Tex.	Yawata, Japan	Scrap iron	8,014
Trois Ilets	24	26	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	67
Adula[1 2]	25	26	Brit.	Asiatic Petroleum Co.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	.....
Marchen Maersk[2]	25	26	Dan.	A. P. Moller	Baltimore, Md.	Cebu, P. I.	General	4,719
John Bakke[2]	25	26	Nor.	Knutsen Line	Belfast, Ireland	Vancouver, B. C.	Ballast	.....
West Munham Maru	25	26	Jap.	Kawasaki Kisen K.	New Orleans, La.	Yokohama, Japan	Ballast	.....
California Express[2]	26	26	Nor.	Fruit Express Line	Dieppe, France	Seattle, Wash.	Ballast	.....
Kansan	26	26	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Seattle, Wash.	General	2,009
Athelprince[1 2]	26	26	Brit.	Standard Oil of N. Y.	Falmouth, Eng.	China	Diesel oil	12,461
Burton E. O'Brien[4]	9	19	C. R.	Co. Bananera de C. R.	Cristobal, C. Z.	Puntarenas, C. R.	Ballast	.....
San Angelo	26	26	Amer.	Quaker Line	Albany, N. Y.	Seattle, Wash.	Gen., steel	4,225
Porto Bello[3]	26	...	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Republic[8]	26	29	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	1,851
Torvanger	27	27	Nor.	Chile Nit. Sales Corp.	Hamburg, Ger.	Antof'gasta, Chile	Ballast	.....
Steelore	27	27	Amer.	Ore S.S. Corp	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Laurits Swenson[2]	26	27	Nor.	Fred Olsen & Co	Hull, England	Vancouver, B. C.	General	5,503
Ino[2]	26	27	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	45
Louisianan	26	27	Amer.	Grace Line	Baltimore, Md.	Talcahuano, Chile	Gen., steel	5,842
Dresden[2]	27	27	Ger.	North German Lloyd	Hamburg, Ger.	Corral, Chile	General	6,699
Sedgepool	27	27	Brit.	Anglo-Can. S. S. Co.	Baltimore, Md.	Vancouver, B. C.	Ballast	.....
Nyhorn[2]	27	29	Nor.	Scand.-So. Pac. Line	Goth'burg, Swed.	Valparaiso, Chile.	General	3,734
Enoch[3]	27	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[13]	.....	25
Sambu[2]	26	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real[2]	26	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	General	40
Sona[2]	26	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	General	35
Rangitata[2]	28	29	Brit.	N. Z. Shipping Co.	London, England	Wellington, N. Z.	Gen., frozen	5,103
Canadian Challenger	28	28	Brit.	Mont.-Aust.-N.Z. Line	Pt. Alfred, Can.	Sydney, Aust'lia	Newsprint	3,865
Huntress	28	28	Brit.	Chile Nit. Sales Corp.	Swansea, England	Chile	Ballast	.....
Damsterdijk[2]	27	30	Neth.	Holland-Amer. Line	Rotterdam, Neth.	Vancouver, B. C.	General	4,390
Nordstjernan[2]	28	28	Swed.	Johnson Line	Stockholm Swed.	Vancouver, B. C.	General	3,833
Santa Lucia	28	29	Amer.	Grace Line	New York, N. Y.	San Antonio, Chile	General	2,535
Eastern King Maru	28	4	Jap.	T. Miyaji	Norfolk, Va.	Kobe, Japan	Ballast	.....
Speybank[2]	28	29	Brit.	Eagle Oil & Ship. Co.	Tampico, Mexico.	Cairns, Australia.	Asphalt	8,115
Susan V. Luckenbach.	29	29	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	3,075
Brynje[2]	29	29	Nor.	Canadian Transp. Co	Tampa, Fla.	Victoria, B. C.	Gen., sulphur	4,608
Fresno Star	29	29	Brit.	Blue Star Line	Tyne, England	N. Westm'er, B. C.	Ballast	.....
Nereus	29	29	Greek.	Chile Nit. Sales Corp.	Greenock, Eng.	Tocopilla, Chile	Ballast	.....
Thorsholm[1 2]	29	29	Nor.	J. Jacobs & Co.	Texas City, Tex.	Japan	Aviation gas	13,201
Santa Paula	29	30	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	4,227
Portland[2]	29	30	Ger.	Hamburg-Amer. Line	Hamburg, Ger.	Vancouver, B. C.	General	4,676
Dagmar Salen[2]	29	31	Swed.	Seaboard Ship. Co.	Montreal, Canada	Portland, Oreg.	Ballast	.....
Svolder[1 2]	28	30	Nor.	Anglo-Saxon Pet. Co.	Goth'burg, Swed.	Los Angeles, Cal.	Ballast	.....
Sessa	30	30	Dan.	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	2,000
Dakotan	30	30	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Portland, Oreg.	General	3,393
Marore	30	30	Amer.	Ore S. S. Corp	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Charles R. McCormick	30	30	Amer.	McCormick S. S. Co.	Norfolk, Va.	Seattle, Wash.	(14)	4,600
Clio[2]	29	30	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	103
Harpoon	30	31	Amer.	Shepard Line	Albany, N. Y.	Tacoma, Wash.	General	5,544
Asuka Maru[2]	31	31	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	Steel, cotton	7,469
Anglo African	31	31	Brit.	Lawther, Latta & Co.	Cardiff, England.	Vancouver, B. C.	Ballast	.....
Atlantic[1 2]	31	31	Nor.	Colonial Beacon Oil Co.	Aruba, N. W. I.	Tocopilla, Chile	Fuel oil	10,779
Gracia	31	31	Brit.	Donaldson Brothers	Glasgow, Scot.	Vancouver, B. C.	General	663
Texas Sun[1 2]	31	31	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	.....
Cornish City[2]	31	31	Brit.	Reardon-Smith Line	Baltimore, Md.	Moji, Japan	(15)	9,154
Chloe	31	31	Greek.	Chile. Nit. Sales Corp.	Antwerp, Belgium	Tocopilla, Chile	Ballast	.....
Heffron	31	31	Amer.	Pac. Coast Dir. Line	New York, N. Y.	Tacoma, Wash.	Steel, gen.	4,793
Manizales	29	1	Ger.	North German Lloyd.	Manaure, Colom.	Guayaquil, Ecua.	Salt, gen.	1 195
Pennmar	31	1	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,356
Barneveld	29	31	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Talcahuano, Chile	General	2,807
Norne[2]	29	1	Nor.	States Marine Corp.	Philadelphia, Pa.	Moji, Japan	Steel, oil	6,257
F. J. Luckenbach	31	1	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General	5,628
New Orleans	31	1	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Hongkong, China	General	2,946
Steel Engineer	1	1	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Seattle, Wash.	Steel, gen.	3,651
Nankai Maru[2]	1	1	Jap.	Osaka Shosen Kaisha	Boston, Mass.	Kobe, Japan	(16)	6,983
Salvador	26	1	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	894
Porto Bello[3]	1	2	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	4
Anneliese Essberger.[2]	1	2	Ger.	Anglo-Can. S. S. Co.	London, England	Vancouver, B. C.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [8] Transport. [13] For bananas and return to Cristobal. [14] General, lubricating oil, etc. [15] Steel, pig iron, etc. [16] General, steel, oil, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Point Palmas	1	2	Amer.	Swayne & Hoyt	Houston, Tex.	Tacoma, Wash.	General	5,103
City of Singapore	2	2	Brit.	Ellerman & Bucknall	Montreal, Canada	Dairen, China	General	7,160
Perch [7]	28	2	Amer.	U. S. Navy	Guanta'mo, Cuba	San Diego, Calif.	Ballast	
Amerika [2]	2	2	Dan.	East Asiatic Co	Copenhagen, Den	Vancouver, B. C.	General	482
Winkleigh	2	2	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	
Trois Ilets	1	2	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	Ballast	
Conyngham [9]	2	5	Amer.	U. S. Navy	Guanta'mo, Cuba	San Diego, Calif.	Ballast	
Baru [2]	2		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Floridian	3	3	Amer.	Amer.-Hawaiian Line.	Savannah, Ga.	Tacoma, Wash.	General	6,715
Missourian [2]	3	3	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,603
Kano Maru [2]	2	3	Jap.	Kokusai Kisen Kaisha	Boston, Mass.	Kobe, Japan	Steel, cotton.	5,677
Mauna Kea	3	3	Amer.	Matson Nav. Co.	New York, N. Y.	Honolulu, T. H.	Gen., autos.	1,048
Chilore	3	3	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Silverwalnut [2]	3	3	Brit.	Silver Line, Ltd.	Boston, Mass.	Hongkong, China	General	3,052
Real [2]	2		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Tuira [2]	2		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	2		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Enoch [3]	2		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]		25
Zjawa [5]			Amer.	T. McClure	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Bachaquero [1]	3		Brit.	Lago Shipping Co.	Aruba, N. W. I.	Balboa, C. Z.	Drydocking	
Istmo	2	4	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	340
City of Glasgow	3	4	Brit.	Mont.-Aust.-N.Z. Line	Montreal, Canada	Dunedin, N. Z.	General	4,276
Mount Helikon	4	4	Greek.	Chile Nit. Sales Corp.	Amsterdam, Neth	Antof'gasta, Chile	Ballast	
Nalon	4	4	Brit.	Royal Mail Lines	Barry, England	N. Westm'er, B.C	Ballast	
Orduna	3	4	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile.	General	2,445
Santa Maria [2]	4	5	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	2,725
Gera	4	5	Ger.	Hamburg-Amer. Line.	New Orelans, La.	New Zealand	General	6,425
West Harcuvar Maru.	4	5	Jap.	Taminosuke Miyachi.	Boston, Mass.	Yawata, Japan	Scrap steel	6,875
Bente Maersk [1] [2]	4	5	Dan.	Isbrandtsen-Moller	Curacao, N. W. I.	Talara, Peru	Ballast	
Virginia	5	6	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	3,060
Olymp [2]	4	5	Pan.	Chile Nit. Sales Corp.	Savannah, Ga.	Tocopilla, Chile	Ballast	
President Pierce	5	6	Amer.	Dollar Line	New York, N. Y.	Manila, P. I.	General	4,012
El Ciervo [1]	5	5	Brit.	C. T. Bowring & Co.	Falmouth, Eng.	Cabo Bl'co, Peru	Ballast	
San Anselmo	4	5	Amer.	Quaker Line	Albany, N. Y.	Tacoma, Wash.	General	5,480
Santos Maru [2]	5	5	Jap.	Osaka Shosen Kaisha	Montevideo, Uru.	Kobe, Japan	Hides, coffee.	4,425
Loosdrecht [1] [2]	5	5	Neth.	Shell Oil of Calif.	Avonmouth, Eng.	California	Ballast	
R. J. Hanna [1]	5	5	Amer.	Standard Oil of Calif.	Baltimore, Md.	Los Angeles, Cal.	Ballast	
Lebore	5	5	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
American Robin	6	6	Amer.	McCormick S. S. Co.	Philadelphia, Pa.	Tacoma, Wash.	General	3,774
Georgian	6	6	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	S. Francisco, Cal.	General	3,118
Svealand [2]	6	7	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Cathwood [1]	7	8	Amer.	Union Oil of Calif.	Pt. Arthur, Tex.	Los Angeles, Cal.	Fuel oil	9,740
Fordsdale	7	7	Brit.	Shaw, Savill & Albion.	London, England	New Zealand	General	3,157
Dorothy Luckenbach.	7	7	Amer.	Luckenbach Line	Mobile, Ala.	Tacoma, Wash.	Gen., steel	4,567
Massmar	7	7	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Gen., steel	7,415
Clio [2]	6	7	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	297
City of Rayville [2]	7	7	Amer.	Roosevelt S. S. Co.	Newp't News, Va.	Adelaide, Aust'lia	General	6,063
Koyei Maru [2]	7	8	Jap.	United Ocean Transp.	Philadelphia, Pa.	Los Angeles, Cal.	Ballast	
Saarland	6	7	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Corral, Chile	General	4,717
Enoch [3]	7		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]		25
Steelmaker	7	8	Amer.	Isthmian S. S. Lines	Portland, Me.	Seattle, Wash.	Gen., steel	7,810
Villanger [2]	8	8	Nor.	Interocean S. S. Co.	Rotterdam, Neth.	Los Angeles, Cal.	General	92
Queen Adelaide [2]	8	8	Brit.	Thos. Dunlop & Sons.	New Orleans, La.	Hongkong, China	Gas. drums.	6,166
Mount Olympus	8	8	Greek.	Chile Nit. Sales Corp.	Flushing, Neth.	Chile	Ballast	
Pereira	2	9	Pan.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	1,265
Pacific Exporter [2]	8	8	Brit.	Furness-Pacific, Ltd.	Glasgow, Scotland	Vancouver, B. C.	General	1,332
Commissaire Ramel.	8	8	Fr.	Messageries Marit'es.	Marseille, France.	Noumea, N.Caled	General	2,114
Indien [2]	5	9	Nor.	Italia S. A.	Trieste, Italy	Vancouver, B. C.	General	1,492
Lewis Luckenbach	8	9	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,758
Ino [2]	8	9	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	Ballast	
Pickerel [7]	4	10	Amer.	U. S. Navy	Guanta'mo, Cuba	San Diego, Calif.	Ballast	
Adrastus	9	9	Brit.	Alfred Holt & Co.	Montreal, Canada	Hongkong, China	General	4,745
Kosei Maru [2]	9	9	Jap.	United Ocean Transp.	New York, N. Y.	Kobe, Japan	Steel, rosin	7,117
Annie Johnson [2]	9	9	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Gen., paper	3,889
Lossiebank [2]	9	9	Brit.	Bank Line, Ltd.	Baltimore, Md.	Los Angeles, Cal.	Ballast	
Wyoming [2]	8	9	Fr.	French Line	Antwerp, Belgium	Vancouver, B. C.	[14]	7,381
Trois Ilets	8		Fr.	French Line	Cristobal, C. Z.	Balboa, C. Z.	Drydocking	
Porto Bello [3]	9	9	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Nuevo Panama [2]	9	10	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Panama, R. P.	Ballast	
Rotorua	10	11	Brit.	N. Z. Shipping Co.	London, England	Auckland, N. Z.	General	8,297
Assuan [2]	8	10	Ger.	Richard Meyer Co.	Galveston, Tex.	Hongkong, China	[15]	7,742
Tomislav	10	10	J.-Slav	Chile Nit. Sales Corp.	Flushing, Neth.	Chile	Ballast	
Cadillac [1]	10	10	Brit.	Anglo-Amer. Oil Co.	London, England	Los Angeles, Cal.	Ballast	
Amerikaland [2]	10	10	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [9] Destroyer. [13] For bananas and return to Cristobal. [14] Coke, clay, sand, etc. [15] Cotton, steel, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Durazzo	6	10	Ger...	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	557
Canadian	10	11	Amer..	Grace Line	Baltimore, Md.	Valparaiso, Chile.	General	2,421
Lancaster Castle	10	10	Brit...	Chile Nit. Sales Corp.	Liverpool, Eng.	Chile	Ballast	.....
Schwaben	11	11	Ger...	North German Lloyd	Hamburg, Ger.	Vancouver, B. C.	General	5,468
Laguna [2]	9	10	Brit...	Pacific Steam Nav. Co.	Hull, England	Talcahuano, Chile	General	5,929
Camden [1]	9	10	Amer..	Shell Oil Co.	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
Nebraska	10	11	Brit...	Royal Mail Lines	Rotterdam, Neth.	Vancouver, B. C.	General	1,936
Honestas	10	11	Ital...	Italia Co.	Civitavecchia, It.	San Antonio, Chile	Ballast	.....
Arizonan	10	11	Amer..	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	2,227
Tuira [2]	9	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Union [2]	9	...	Pan...	A. Valdes	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	9	10	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	50
Real [2]	9	10	Pan..	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	50

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Martin Bakke [2]	10	11	Nor...	Knut Knutsen	N. Westm'er, B.C.	Belfast, Ireland	Lumber, gen.	7,515
Tallapoosa [13]	6	11	Amer..	U. S. Government	Juneau, Alaska	Savannah, Ga.	.....	.....
Istmo	11	12	Pan...	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	655
San Bernardino	11	11	Amer..	States S. S. Co.	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	8,100
El Oso [1]	11	11	Brit...	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Ellesmere, Eng.	Fuel oil	10,027
Santa Paula	11	12	Amer..	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	4,640
Rangitane [2]	11	12	Brit...	N. Z. Shipping Co.	Auckland, N. Z.	London, England	Frozen, gen.	6,009
Alkmaar	11	12	Neth..	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	10,872
Baru [2]	12	13	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	77
President Lincoln	12	12	Amer..	Dollar Line	Manila, P. I.	Boston, Mass.	General	5,008
Oregonian	11	12	Amer..	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,979
Santa Lucia	11	12	Amer..	Grace Line	S. Antonio, Chile.	New York, N. Y.	General	5,654
Trois Ilets	12	13	Fr....	French Line	Manta, Ecuador	Cristobal, C. Z.	Coffee	334
Acajutla	12	19	Brit...	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	Coffee	294
Herman F. Whiton	12	12	Amer..	Dutton Lumber Corp.	Tacoma, Wash.	Po'keepsie, N. Y.	Lumber	7,150
Losada [2]	12	13	Brit...	Pacific Steam Nav. Co	Antof'gasta, Chile	Liverpool, Eng.	General	8,640
Ward [2]	11	13	Amer..	Roosevelt S. S. Co.	Hongkong, China	New York, N. Y.	Sugar, gen.	7,893
Selma City	12	12	Amer..	Isthmian S. S. Lines.	Pt. Angeles, Wash.	Baltimore, Md.	Lumber, gen.	7,658
Isthmian	12	12	Amer..	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	General	9,112
Sambu [2]	12	13	Pan...	Elliot Ship. & Land Co.	Bayano, R. P.	Cristobal, C. Z.	Bananas	24
Sona [2]	12	13	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	33
Sea Shrimp [14]	12	...	Pan...	George David	Balboa, C. Z.	Miraflores Lake.	Ballast	.....
Winnipeg	12	19	Fr....	French Line	Valparaiso, Chile.	Havre, France.	General	8,341
Marore	13	13	Amer..	Ore S. S. Corp.	Cruz Gr'de, Chile.	Sparrows Pt., Md.	Iron ore	22,500
West Cape	12	13	Amer..	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	8,050
Ammon	12	14	Ger...	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	7,994
Chryssi	13	13	Greek.	Continental Grain Co.	Stockton, Calif.	Avonm'th, Eng.	Barley	7,100
Kiyosumi Maru [2]	12	14	Jap...	Kokusai Kisen Kaisha	Manila, P. I.	St. John, N. B.	Silk, gen.	6,881
Walter A. Luckenbach.	13	13	Amer..	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	9,292
Risanger	13	13	Nor...	States Marine Corp.	Bacolod, P. I.	New Orleans, La.	Sugar	7,800
Calypso [2] [13]	10	14	Amer..	U. S. Navy	San Diego, Calif.	Baltimore, Md.	.....	.....
Ewing [2] [13]	10	14	Amer..	U. S. Navy	San Diego, Calif.	Baltimore, Md.	.....	.....
Marna	13	13	Dan...	West Coast Line	Arica, Chile	New York, N. Y.	Ore, lentils	2,540
Tasmania [2]	14	14	Dan...	Kawasaki K. Kaisha.	Iloilo, P. I.	New York, N. Y.	Sugar, gen.	7,741
Bencleuch	14	15	Brit...	N. Pac. Shipping Co.	Brit. Columbia	Capetown, Africa	General	6,234
San Ubaldo [1]	14	15	Brit...	Eagle Oil & Ship. Co.	Valparaiso, Chile	Pto. Mexico, Mex	Ballast	.....
Sahale	15	15	Amer..	Weyerhaeuser S. S. Co.	Everett, Wash.	New York, N. Y.	Lumber, gen.	6,967
Taketoyo Maru	15	15	Jap...	Nippon Yusen Kaisha	Iloilo, P. I.	New Orleans, La.	Sugar, gen.	8,045
Caledonian Monarch.	15	16	Brit...	Canadian Transp. Co.	Vancouver, B. C.	United Kingdom.	Lumber, gen.	7,367
Hermonthis [2]	15	15	Ger...	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	5,897
Californian [2]	15	15	Amer..	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	10,266
Washington Express. [2]	15	15	Nor...	Fruit Express Line	N. Westm'r, B. C.	Glasgow, Scot.	Fresh fruit	2,000
Clio [2]	15	16	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, hides	222
Viking Star	15	16	Brit...	Blue Star Line	S. Francisco, Cal.	Newcastle, Eng.	Frozen, gen.	5,239
Darlington Court [2]	15	15	Brit...	Canadian Transp. Co.	Pt. Alberni, B. C.	Hull, England	Lumber	7,450
Mount Rhodope	15	15	Greek.	Ocean Co., Ltd.	Victoria, B. C.	Cardiff, Wales	Lumber, gen.	5,957
Winslow [5]	15	16	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Adula [1] [2]	16	16	Brit...	Asiatic Petroleum Co.	Los Angeles, Cal.	Curacao, N. W. I.	(15)	11,148
Brimanger [2]	16	16	Nor...	Interocean S. S. Corp.	Seattle, Wash.	Hull, England	General	6,828
Baru [2]	16	17	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	100
Texas Sun [1] [2]	16	16	Amer..	Sun Oil Co.	Los Angeles, Cal.	Chester, Pa.	Gasoline	14,603
Florence Luckenbach.	16	16	Amer..	Luckenbach Line	Portland, Oreg.	New Orleans, La.	Lumber, gen.	5,005
Golden Cross	15	16	Amer..	Matson Nav. Co.	Kahului, T. H.	Baltimore, Md.	Sugar, gen.	7,773
Manizales	16	18	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,079
Durazzo	16	19	Ger...	Hamburg-Amer. Line.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	1,013
Steel Age	16	16	Amer..	Isthmian S. S. Lines.	Kahului, T. H.	Baltimore, Md.	Sugar, gen.	8,165
Frederick R. Kellogg. [1]	15	16	Amer..	Standard Oil of N. J.	Baton Rouge, La.	Aruba, N. W. I.	(15)	5,723

[1] Tanker. [2] Motor ship. [5] Launch. [13] Coast guard. [14] Panga. [15] Gasoline, kerosene.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Tuira [2]	16	17	Pan.	Julio Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	54
Sambu [2]	16	17	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	15
Luna [2]	16		Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(13)	13
Chilore	17	17	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Pacific Shipper [2]	16	17	Brit.	Furness, Withy & Co.	Vancouver, B. C.	London, England	General	8,220
San Diego	17	17	Fr.	French Line	Stockton, Calif.	Hull, England	General	6,551
Point Ancha	17	17	Amer.	Swayne & Hoyt	Los Angeles, Cal.	New Orleans, La.	Lumber, gen.	5,261
Scottish Heather [1]	16	17	Brit.	Standard Oil of N. J.	Talara, Peru	Halifax, N. S.	Crude oil	10,269
Yorkmar	17	17	Amer.	Calmar S. S. Corp.	Seattle, Wash.	New York, N. Y.	Lumber	7,125
Istmo	17	18	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	656
Nuevo Panama [2]	17	18	Pan.	Elliot Ship. & Land Co.	PanamaCity,R.P.	Cristobal, C. Z.	Ballast	
Yngaren [2]	17	18	Swed.	Rederiskhiebol Trans.	Apia, Samoa Is.	Rotterdam, Neth.	(14)	8,561
Fulda [2]	17	18	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	8,496
Mayan	18	25	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	229
Ville D'Amiens	18	19	Fr.	Messageries Marit'es.	Noumea,N.Caled	Marseille, France	General	4,430
Trojan Star	17	18	Brit.	Blue Star Line	Hobart,Tasmania	London, England	C/S., gen.	6,875
Sithonia	17	18	Brit.	Spreckels & Co.	Santa Nino, P. I.	Baltimore, Md.	Sugar	9,281
Persephone [1] [2]	18	18	Pan.	Standard Oil of N. J.	Talara, Peru	Havre, France	Crude oil	11,712
Hagan [1]	18	18	Amer.	Shell Petroleum Co.	Los Angeles, Cal.	Sewaren, N. J.	(15)	8,989
Virginia	18	19	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	8,283
Iowan	18	19	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,338
Thrush [10]	19	23	Amer.	U. S. Navy	San Diego, Calif.	Guant.Bay, Cuba		
Santa Maria [2]	19	19	Amer.	Grace Line	S. Antonio, Chile.	New York, N. Y.	General	4,971
R. J. Hanna [1]	19	19	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Providence, R. I.	(16)	9,412
Real [2]	19	20	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Sona [2]	19	20	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
Oakland [2]	20	21	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	Lumber, gen.	7,474
San Felipe	20	20	Amer.	Quaker Line	San Diego, Calif.	Baltimore, Md.	Lumber, gen.	8,579
Steel Trader	20	20	Amer.	Isthmian S. S. Lines.	Hilo, T. H.	New York, N. Y.	(17)	8,309
Amagisan Maru [2]	20	20	Jap.	Mitsui Bussan Kaisha	Manila, P. I.	New York, N. Y.	Silk, gen	6,240
Oklahoman	20	20	Amer.	Amer.-Hawaiian Line.	Los Angeles, Cal.	Bridgeport, Conn.	Lumber, gen.	7,537
Illinois	20	20	Amer.	Anglo-Can. S. S. Co.	N. Westm'r, B. C.	London, England	(13)	6,889
Glorian [5]	20	25	Amer.	W. B. Boggs	Balboa, C. Z.	Cristobal, C. Z.	Ballast	
Svealand [2]	20	21	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,600
S-43 [7]	21		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
S-44 [7]	21		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Baarn	21	21	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	8,412
Lochmonar [2]	21	22	Brit.	Royal Mail Lines	Victoria, B. C.	Rotterdam, Neth.	Fruit, gen.	9,566
Canadian Cruiser.	21	21	Brit.	M. A. N. Z. Line	Sydney, N. S. W.	Montreal,Canada	General	7,380
Ino [2]	21	22	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	563
Nikolina Matkovic. [2]	20	21	Y-Slav	Eugen. Matkovic Y.S.	Vancouver, B. C.	London, England	Lumber	4,905
S-42 [7]	21		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Nako Maru [2]	21	22	Jap.	Nippon Yusen Kaisha	Manila, P. I.	Baltimore, Md.	General	4,960
Herman Frasch	21	21	Amer.	Dutton Lumber Corp.	Seattle, Wash.	Philadelphia, Pa.	Lumber	5,400
S-47 [7]	21		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
S-46 [7]	21		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
American Reefer [2]	21	22	Dan.	J. Lauritzen	Seattle, Wash.	Haifa, Palestine.	Fruit	2,158
Eleanor Christenson.	22	22	Amer.	Arrow Line	Pt. Alberni, B. C.	New York, N. Y.	Lumber	7,308
Paul Luckenbach.	22	22	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,857
Mallard [4]	22		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Hoyeisan Maru	22	23	Jap.	Mitsui Bussan Kaisha	Otaru, Japan	Antwerp,Belgium	Lumber	7,504
West Cactus	22	23	Amer.	McCormick S. S. Co.	Los Angeles, Cal.	Buenos Aires, Arg.	General	7,338
Frank Seamans	23	23	Nor.	States Marine, N. Y.	Chemainus, B. C.	Philadelphia, Pa.	Pulp, lumber	6,350
Texmar	23	23	Amer.	Calmar S. S. Corp.	Seattle, Wash.	New York, N. Y.	Lumber	6,860
Samuel Bakke [2]	23	23	Nor.	Knut Knutsen.	Valparaiso, Chile.	Oslo, Norway.	Ores, gen.	7,440
Cali	23	25	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	786
Ardenvohr [2]	23	24	Brit.	M. A. N. Z. Line	Lyttleton, N. Z.	Montreal,Canada	General	1,478
Istmo	23	25	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	655
Porto Bello [2]	22	26	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	Lumber	30
Tuira [2]	23	24	Pan.	Julio Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	50
Chincha	23	24	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	Copper, gen.	4,709
Edgar F. Luckenbach.	23	24	Amer.	Luckenbach-Gulf Co.	Portland, Oreg.	Mobile, Ala.	Lumber, gen.	4,882
Fernbrook [2]	24	24	Nor.	Fern Line	Sabang, P. I.	Baltimore, Md.	Sugar, gen.	7,971
Anhalt	24	24	Ger.	North German Lloyd.	Paag'ene,Noumea	East coast, U. S.	Chrome ore.	7,750
Peter Kerr	24	24	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	9,710
Baron Graham	24	24	Brit.	Peruvian Guano Co.	Lob. de Te'e, Peru	London, England.	Guano	5,100
Trois Ilets	24	26	Fr.	French Line	Manta, Ecuador.	Cristobal, C. Z.	Coffee, wax.	344
Minerva [2]	24	24	Nor.	Chile Nit. Sales Corp.	Iquique, Chile.	Savannah, Ga.	Nit. of soda.	9,379
Radiotis	24	24	Greek.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Azores [19]	Nit. of soda.	7,410
Amerikaland [2]	25	25	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,600
Royal Star	24	25	Brit.	Blue Star Line	N.Westm'er,B.C.	Liverpool, Eng.	Fruit, gen.	8,166
Leme [2]	23	26	Ital.	Italia S. A.	Vancouver, B. C.	Trieste, Italy	General	7,573
Point Clear	24	25	Amer.	Gulf Pacific Line	Olympia, Wash.	Tampa, Fla.	Lumber, gen.	4,343
Santa Inez	25	25	Amer.	Grace Line	Arica, Chile	New York, N. Y.	Coffee, gen.	2,522

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [10] Mine sweeper. [13] Plantains, lumber. [14] Copra, lead, rubber. [15] Gasoline, stove oil. [16] Petrolastic asphalt. [17] Sugar, pineapples, canex. [18] Lumber, wheat, general. [19] For orders.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Silverwillow [2]	24	25	Brit.	Silver Line, Ltd.	Los Angeles, Cal.	Madras, India	(14)	7,158
Virginian	25	25	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	11,113
Alaskan	25	25	Amer.	Amer.-Hawaiian Line.	Astoria, Oreg.	Boston, Mass.	Lumber, gen.	7,715
Santa Elena	25	26	Amer.	Grace Line.	S. Francisco, Cal.	New York, N. Y.	General	4,387
W. S. Miller [1]	25	26	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Providence, R. I.	Heating oil	9,327
King Gruffydd	26	26	Brit.	Canadian Transp. Co.	Brit. Columbia	Hull, England	Wheat, lum.	7,955
Sirius	24	27	Amer.	U. S. Navy	San Diego, Calif.	Norfolk, Va.	General	3,196
Ino [2]	26	27	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	353
Salvador	26	1	Brit.	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	250
Winona	26	26	Amer.	Weyerhaeuser S.S.Co.	Portland, Oreg.	Baltimore, Md.	Lumber, pulp	7,000
Sambu [2]	25	27	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	15
Real [2]	26	27	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Sona [2]	26	27	Pan.	Elliot Ship.& Land Co.	Bayano, R. P.	Cristobal, C. Z.	Bananas	29
Winaton [5]	26		Amer.	W. R. Keams	Balboa, C. Z.	Miraflores, C. Z.		
Akaroa	26	27	Brit.	Shaw, Savill & Albion	Auckland, N. Z.	London, England.	Frozen, gen.	5,884
Roda [2]	26	28	Ger.	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	7,215
Abraham Lincoln [2]	26	28	Nor.	Fred Olsen & Co.	Astoria, Oreg.	Oslo, Norway	General	7,871
Dryden	26	27	Amer.	Lykes Bros.-Ripley	Manila, P. I.	East coast, U. S.	(15)	8,566
Queen Anne [2]	26	27	Brit.	Anglo-Can. S. S. Co.	Alberni, B. C.	London, England.	(16)	8,368
Vinni [2]	26	28	Nor.	Kawasaki K. Kaisha	Kobe, Japan	Houston, Tex.	General	4,260
Pacific Trader [2]	27	28	Brit.	Bank Line, Ltd.	Suva, Fiji Islands	United Kingdom.	Sugar	8,740
Julia Luckenbach.	27	27	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,965
Balboa [2]	27	28	Swed.	Johnson Line	Vancouver, B. C.	Stockholm. Swed.	General	8,111
K. I. Luckenbach.	27	27	Amer.	Luckenbach Line	S. Francisco, Cal.	Boston, Mass.	General	9,330
Timber Rush	27	27	Amer.	Shepard S. S. Co.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,141
Bente Maersk [1] [2]	27	27	Dan.	Isbrandtsen Moller.	Los Angeles, Cal.	Curacao, N.W.I.	Gas oil	8,201
Pacific Pioneer [2]	28	28	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot.	Fruit, gen.	8,195
Memphis City	28	28	Amer.	Isthmian S. S. Lines	Port Allen, T. H.	New York, N. Y.	Sugar cane	8,230
Peter Hurll [1] [2]	28	28	Pan.	Standard Oil of N. J.	Talara, Peru	Montreal, Canada	Crude oil	16,139
Bonneville [2]	28	29	Nor.	Continental Grain Co.	Portland, Oreg.	Cobh, I. F. S.	Wheat in blk	7,902
Coloradan	28	29	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	9,171
Darcoila	28	29	Brit.	Anglo-Chile Nit.Corp.	Tocopilla, Chile.	Alexandria, Eg.	Nit. of soda	6,475
Moldanger [2]	28	29	Nor.	Interocean S. S. Co.	Seattle, Wash.	Havre, France	Wheat, gen.	7,467
Pennsylvanian	29	29	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,142
Tosca [2]	29	29	Nor.	Knutsen Line	Huacho, Peru	Lands End [13]	Sulp. of soda	7,119
Clio [2]	29	30	Neth.	Royal Neth. S. S. Co	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	556
Vera [1] [2]	29	29	Nor.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, N.W.I.	Gasoline	9,356
Cerigo	29	1	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	(17)	1,159
Triton [2]	29	1	Nor.	Barber-Wilhelmsen	Manila, P. I.	New York, N. Y.	General	8,597
Kongo Maru [2]	29	30	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	General	7,537
Aller	29	1	Ger.	North German Lloyd.	Adelaide, Aust'lia	Bremen, Ger.	General	8,883
Warwick [1]	30	30	Amer.	Union Oil of Calif.	Los Angeles, Cal.	Paulsboro, N. J.	Solvent	5,202
Madrono [1]	30	30	Nor.	H. P. Drewry	La Libertad, Ecua	Donges, France	Crude oil	8,174
Salacia [2]	30	30	Brit.	Donaldson Bros.	Vancouver, B. C.	Glasgow, Scot.	Frozen, gen.	6,669
Porto Bello [2]	30	30	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(18)	13
Arkansan	31	31	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	8,814
Ida Knudsen [1] [2]	31	31	Nor.	Standard Oil of N. J.	Lobitos, Peru	Halifax, N. S.	Crude oil	13,363
West Notus	31	31	Amer.	McCormick S. S. Co.	Seattle, Wash.	New York, N. Y.	Lumber, gen.	4,595
Oregon Express [2]	31	31	Nor.	Fruit Express Line	N.Westm'er, B.C.	Havre, France	Fresh fruit	1,950
Miss C. B. [2]	30	4	Brit.	I. D. Hunter	Tumaco, Colom.	Tampa, Fla.	Ballast	
Loriga [2]	31	1	Brit.	Pacific Steam Nav. Co.	Valparaiso, Chile.	Liverpool, Eng.	General	8,451
Antares	29	3	Amer.	U. S. Navy	San Diego, Calif.	Norfolk, Va.	Naval stores.	947
Craven [9]	29	1	Amer.	U. S. Navy	Guayaquil, Ecua.	Boston, Mass.		
Oropesa	1	1	Brit.	Pacific Steam Nav.Co.	Talcahuano, Chile	Liverpool, Eng.	Copper, gen.	10,507
El Aleto [1] [2]	31	1	Brit.	C. T. Bowring & Co	Cabo Bl'co, Peru.	Liverpool, Eng.	Crude oil	10,115
Katrina Luckenbach.	1	1	Amer.	Luckenbach Line	Portland, Oreg.	New Orleans, La.	General	2,467
Surrey	1	2	Brit.	M. A. N. Z. Line	Adelaide, Aust'lia	Montreal, Canada	Frozen, gen.	2,514
Trois Ilets	1	2	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	344
California	1	2	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	5,937
Margaret Johnson [2]	2	2	Swed.	Johnson Line	Seattle, Wash.	Stockholm, Swed.	Fruit	5,982
Baru [2]	2	3	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	103
Minnesotan	1	2	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	8,254
Norman Star	2	2	Brit.	Blue Star Line	Seattle, Wash.	BuenosAires, Arg.	Ref., gen.	4,436
Istmo	1	4	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	655
Frida [2]	2	2	Dan.	West Coast Line	Valparaiso, Chile.	New York, N. Y.	Nitrate, gen	2,602
Santa Clara	2	2	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	General	5,712
Ohioan	2	2	Amer.	Amer.-Hawaiian Line.	S. Francisco, Cal.	Baltimore, Md.	Lumber, gen.	8,341
Sona [2]	2	3	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
Real [2]	2	3	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Tuira [2]	2	3	Pan.	Julio Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	54
Pereira	2	8	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	556
Bethore	3	3	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,200
Mobiloil [1] [2]	2	3	Amer.	Socony Vac. Oil Co.	Los Angeles, Cal.	Providence, R. I.	Gasoline	14,673
Bolton Castle	2	6	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Alexandria, Egypt	Nit. of soda	8,555
Oregon [2]	2	4	Fr.	French Line	Vancouver, B. C.	Rotterdam, Neth.	General	8,341
Charles Christenson.	3	3	Amer.	Canadian Gulf Line.	Powell Riv., B. C.	Houston, Tex.	(19)	5,419
Lady Clara [2]	3		Amer.	B. W. Stephenson	Balboa, C. Z.	Cristobal, C. Z.	Ballast	
Kayak No. 5119	3		Amer.	B. Topnick	Balboa, C. Z.	Miraflores Lake	Ballast	

[1] Tanker. [2] Motor ship. [5] Launch. [9] Destroyer [13] For orders. [14] Coconut oil, general. [15] Sugar, copra, hemp. [16] Lumber, wood pulp. [17] Coffee, nuts, hides. [18] Plantains, lumber. [19] Newsprint, shingles.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Trontolite [1] [2]	3	4	Brit.	Imperial Oil Co.	Talara, Peru	Montreal, Canada	Gasoline	7,548
Canadian Reefer [2]	3	4	Dan.	J. Lauritzen	Seattle, Wash.	Stockholm, Swed.	Fresh fruit	1,310
Canada [2]	3	4	Dan.	East Asiatic Co.	Vancouver, B. C.	Copenhagen, Den	General	9,295
Eli [2]	3	4	Nor.	Anglo-Can. S. S. Co.	Victoria, B. C.	Newcastle, Eng.	General	6,750
Iddesleigh	4	5	Brit.	Seaboard Ship. Co.	Vancouver, B. C.	London, England	Wheat, lum.	9,150
Sauyo Maru [2]	4	5	Jap.	Osaka Shosen Kaisha	Dairen, China	Baltimore, Md.	General	4,607
Eskdalegate	4	4	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nit. of soda	7,347
Asakasan Maru [2]	4	4	Jap.	Mitsui & Co.	Manila, P. I.	Philadelphia, Pa.	Silk, gen.	6,732
Point Vincente	4	4	Amer.	Swayne & Hoyt	Los Angeles, Cal.	New Orleans, La.	Lumber, gen.	6,428
Drechtdyk [2]	4	6	Neth.	N. Pac. Coast Line	Victoria, B. C.	Rotterdam, Neth.	General	10,012
Sonnavind [2]	4	5	Nor.	Anglo-Can. S. S. Co.	Vancouver, B. C.	S'ampton, Eng.	Lumber	7,200
Orestes	4	5	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	4,348
Katendrecht [1] [2]	5	5	Neth.	Shell Oil Co.	Los Angeles, Cal.	Curacao, N. W. I.	Gas oil	7,194
Tropic Star [2]	5	6	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Charleston, S. C.	Nitrate	8,305
Alamar	5	5	Amer.	Calmar S. S. Corp.	Tacoma, Wash.	Philadelphia, Pa.	Lumber	7,548
Andrea F. Luckenbach.	5	5	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	12,066
Weser [2]	5	6	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	8,460
Point Lobos	5	5	Amer.	Swayne & Hoyt	Seattle, Wash.	New Orleans, La.	Lumber, gen.	5,800
Peik [1] [2]	5	5	Nor.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, N. W. I.	Kerosene dis.	9,159
San Lucas	5	6	Amer.	States S. S. Co.	Los Angeles, Cal.	Philadelphia, Pa.	Lumber, gen.	10,528
Hollywood	6	6	Amer.	McCormick S. S. Co.	Seattle, Wash.	New York, N. Y.	Lumber, gen.	6,900
Clio [2]	6	7	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Hides, gen.	315
Durazzo	6	10	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,169
Mexicau	6	6	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	11,366
Nordvard [2]	6	7	Nor.	Lauritz Kloster	Portland, Oreg.	Cobh, I. F. S.	Wheat	7,059
Porto Bello [2]	6	6	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(14)	8
Bachaquero [1]	4	7	Brit.	Lyle Shipping Co.	Balboa, C. Z.	Aruba, N. W. I.	Ballast	.....
Goslar	7	8	Ger.	North German Lloyd.	Whyalla, Aust'lia	Baltimore, Md.	(15)	6,085
Laila	7	7	Dan.	J. Lauritzen	Chicama, Peru	New York, N. Y.	General	2,614
San Simeon	7	8	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,544
St. Woolos	8	8	Brit.	Tabachalera Co.	Iloilo, P. I.	Philadelphia, Pa.	Sugar	9,426
Gretavale	8	8	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nitrate	7,360
Ino [2]	8	9	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	577
Trois Ilets	8	9	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	344
Eisenach	8	9	Ger.	North German Lloyd.	Valparaiso, Chile.	Hamburg, Ger.	General	5,610
Hopestar	8	8	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nit. of soda	9,150
Pennsylvania	8	8	Amer.	Weyerhaeuser S. S. Co.	Seattle, Wash.	Norfolk, Va.	Lumber, gen.	6,936
Santa Rosa	8	9	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	4,728
Larchbank [2]	8	9	Brit.	Colonial Sugar Ref.	Suva, Fiji Islands	United Kingdom.	Sugar	8,211
Sveve [1] [2]	8	10	Nor.	H. P. Drewry	S. Francisco, Cal.	Hamburg, Ger.	Gasoline	9,110
Ravnaas [2]	8	9	Nor.	Anglo-Can. S. S. Co.	Chemainus, B. C.	Liverpool, Eng.	Lumber	6,150
Nuevo Panama [2]	9	10	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	69
Nurnberg [2]	8	10	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	6,859
Steel Scientist	9	9	Amer.	Isthmian S. S. Lines	Honolulu, T. H.	Baltimore, Md.	Sugar, gen.	7,804
Acajutla	9	...	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	General	727
Santa Barbara [2]	9	9	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	General	5,095
Yamazato Maru [2]	9	10	Jap.	Yamashita Ship. Co.	Kobe, Japan	Buenos Aires, Arg.	General	4,161
Tanana	9	9	Amer.	Continental Grain Co.	Longview, Wash.	Dublin, I. F. S.	Wheat	4,330
Virgilio [2]	9	10	Ital.	Soc. Italia	Valparaiso, Chile.	Genoa, Italy	General	3,345
Real [2]	9	10	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Tuira [2]	9	10	Pan.	Julio Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	55
Sambu [2]	9	10	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	14
La Union [2]	9	10	Pan.	A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	26
Gothic Star	9	10	Brit.	Blue Star Line	N. Westm'er, B.C	Newcastle, Eng.	Frozen, gen.	6,474
American Oriole	9	10	Amer.	Puget Sd. Asso. Mills.	Pt. Angeles, Wash.	Providence, R. I.	Lumber	7,600
Istmo	9	12	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	671
Pacific Ranger [2]	9	10	Brit.	Furness, Withy & Co.	Victoria, B. C.	Glasgow, Scotland	General	8,065
Indra [2]	10	10	Nor.	Scand. So. Pac. Line	Valparaiso, Chile.	Lands End [13]	General	6,735
Harry Luckenbach	10	10	Amer.	Luckenbach Line	Portland, Oreg.	Boston, Mass.	General	9,099
Thorshov [1] [2]	10	10	Nor.	Standard Oil of N. J.	Talara, Peru	Halifax, N. S.	Crude oil	13,860

[1] Tanker. [2] Motor ship. [13] For orders. [14] Plantains, lumber. [15] Ore, flour, general.

Comparison of Traffic at the Suez and Panama Canals for the First Eight Months of the Calendar Years 1936 and 1937

Month	Suez Canal Number of transits 1936	Suez Canal Number of transits 1937	Suez Canal Percent Increase	Suez Canal Percent Decrease	Panama Canal Number of transits 1936	Panama Canal Number of transits 1937	Panama Canal Percent Increase	Panama Canal Percent Decrease
January	533	575	7.9	.....	472	399	.....	15.5
February	471	524	11.3	.....	452	377	.....	16.6
March	548	580	5.8	.....	526	536	1.9	.....
April	490	621	26.7	.....	482	473	.....	1.9
May	484	567	17.2	.....	488	544	11.5	.....
June	426	540	26.8	.....	481	472	.....	1.9
July	466	551	18.2	.....	456	457	0.2	.....
August	471	531	13.0	.....	473	505	6.8	.....
September	479	522	9.0	.....	466	444	.....	4.7
Total	4,368	5,011	14.7	.....	4,296	4,207	.....	2.1

THE PANAMA CANAL RECORD

OFFICIAL PUBLICATION OF THE PANAMA CANAL

PUBLISHED MONTHLY

Subscription rates, domestic, $0.50 per year; foreign, $1.00; address The Panama Canal Record, Balboa Heights, Canal Zone, or, for United States and foreign distribution, The Panama Canal, Washington, D. C.

Entered as second-class matter February 6, 1918, at the Post Office at Cristobal, C. Z., under the Act of March 3, 1879.

Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Volume XXXI Balboa Heights, C. Z., December 15, 1937 No. 5

Holiday Greetings

BALBOA HEIGHTS, C. Z., *December 13, 1937.*

As another calendar year draws to a close, I wish to express my deep appreciation of the faithful and loyal service rendered by the employees of The Panama Canal and the Panama Railroad Company during the past year, and to extend to them and their families sincere good wishes for a Merry Christmas and a Happy New Year.

It gives me pleasure to extend the season's greetings also to our friends and neighbors in the Republic of Panama, to the representatives of the shipping world whom it has been our privilege to serve during the past year, and to the members of the military and naval services on the Isthmus. With all of these our association has been most pleasant and cordial.

It is my sincere wish that each of you may enjoy health, happiness, and contentment in the fullest measure throughout the coming year.

C. S. RIDLEY,
Governor, The Panama Canal.
President, Panama Railroad Company.

Traffic Through the Panama Canal in November 1937

The total vessels of all kinds transiting the Panama Canal during the month of November 1937, and for the same month in the two preceding years, are shown in the following tabulation:

	November 1935	November 1936	November 1937		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	418	368	230	205	435
Small commercial vessels [1]	44	67	39	36	75
Noncommercial vessels:					
United States Government	34	40	14	9	23
Colombian Government	.....	1	.....	.....	.....
For repairs	.....	1	2	2	4
Total	496	477	285	252	537

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month for the 12 months ended November 30, 1937, as compared with the same period in the previous year:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7	1935–6	1936–7
December	459	341	2,382,602	1,655,501	2,187,731	1,538,503	$1,997,206.74	$1,366,388.58
January	472	399	2,411,073	1,915,787	2,148,935	1,855,937	2,018,543.52	1,598,323.51
February	452	377	2,322,013	1,940,611	2,155,031	1,839,788	1,952,682.73	1,602,306.30
March	526	536	2,714,768	2,770,451	2,634,150	3,016,418	2,293,874.51	2,355,149.04
April	482	473	2,483,561	2,460,549	2,430,134	2,652,880	2,079,730.70	2,067,026.68
May	488	544	2,504,215	2,839,127	2,419,652	2,950,925	2,081,103.73	2,376,706.36
June	481	472	2,449,127	2,450,018	2,459,752	2,670,466	2,073,359.39	2,070,337.89
July	456	457	2,364,539	2,395,306	2,450,324	2,476,366	1,999,105.18	2,029,642.45
August	473	505	2,398,306	2,597,119	2,396,331	2,780,603	2,051,540.28	2,195,308.87
September	466	444	2,428,317	2,312,725	2,526,366	2,385,142	2,045,440.82	1,935,673.78
October	482	461	2,499,678	2,359,406	2,463,069	2,438,788	2,081,758.23	1,981,087.87
November	368	435	1,768,738	2,280,565	1,747,368	2,185,283	1,488,054.25	1,893,462.00
Total	5,605	5,444	28,726,937	27,977,165	28,018,843	28,791,099	24,162,400.08	23,471,413.33

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons measurement (Panama Canal net), which transited the Panama Canal during the month of November 1937. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	39	1,876	$1,689.36	779
Pacific to Atlantic	36	2,202	2,444.70	2,298
Total	75	4,078	4,134.06	3,077

Traffic by Nationality of Vessels[3] for November 1937

Nationality	No. of transits	Panama Canal net tonnage	Tons of cargo	Nationality	No. of transits	Panama Canal net tonnage	Tons of cargo
British	92	534,812	453,158	Norwegian	46	231,505	253,293
Chilean	1	4,240	6,127	Panamanian	13	24,679	23,102
Danish	20	79,189	89,912	Peruvian	1	2,310	1,148
French	8	43,963	40,024	Swedish	11	57,758	64,916
German	30	126,851	140,915	United States	151	876,044	843,707
Greek	7	31,629	38,620	U. S. of Soviet Republics	1	1,805	2,200
Hungarian	1	4,001	7,185	Yugoslav	1	4,189	.....
Italian	5	34,381	13,665				
Japanese	23	141,675	137,344				
Netherlands	24	81,534	69,967	Total	435	2,280,565	2,185,283

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Trade Routes, November 1937

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	54	319,475	214,818	49	310,754	356,113
East coast United States and:						
Canada	1	5,450	3,651	2	9,876	11,705
South America	16	74,610	17,787	19	86,144	194,095
Hawaiian Islands	3	14,870	5,488	4	20,409	30,572
Australasia	8	50,662	55,071	2	10,533	12,548
Philippine Islands	6	35,132	34,774	4	26,314	28,839
Far East	23	122,186	158,615	7	42,389	30,638
Canadian intercoastal	1	5,007	4,149	.....	.....	.....
East coast Canada and:						
United States	1	4,833	7,701	.....	.....	.....
South America	2	12,318	.....	2	11,936	21,408
Australasia	3	15,860	14,142	1	7,768	2,514
Philippine Islands	2	11,440	12,557	.....	.....	.....
Far East	2	12,796	13,437	.....	.....	.....
South American intercoastal	2	7,261	15,052	1	2,310	1,148
East coast South America and:						
United States	1	4,997	2,313	1	5,424	4,436
Far East	2	12,044	11,903	.....	.....	.....
Cristobal and:						
United States	.....	.....	.....	1	5,854	11,643
Central America	4	3,727	4,330	4	3,727	1,717
South America	13	7,735	5,170	13	7,735	8,600
West Indies and:						
United States	1	3,551	.....	8	40,818	62,730
Central America	1	4,479	10,050	.....	.....	.....
South America	2	9,007	10,530	.....	.....	.....
Europe and:						
United States	12	60,956	482	15	65,434	103,762
Canada	29	162,305	47,845	37	199,013	267,851
South America	25	143,579	49,863	26	147,713	223,504
Australasia	7	64,634	40,050	3	21,591	18,228
Far East	1	5,416	4,009	2	12,019	15,222

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canalnet tonnage	Tons of cargo
Egypt and South America	.....	.....	.....	2	8,903	16,880
Asia and:						
United States	.....	.....	.....	1	1,946	1,521
Central America	1	2,023	.....	.....	.....	.....
Around the world	3	25,332	8,316	1	6,935	7,506
Foreign vessels in ballast (United States intercoastal)	4	23,335	.....	.....	.....	.....
Total	230	1,225,020	752,103	205	1,055,545	1,433,180

Origin and Destination of Cargo by Major Areas, November 1937

The following table summarizes the origin of cargo passing through the Canal in November 1937, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Austral-asia	
North America:						
United States	221,869	7,516	218,164	17,394	54,767	519,710
Other North America	9,886	19,112	9,939	21,390	14,460	74,787
Europe	34,053	11,986	4,009	44,494	39,140	133,682
Miscellaneous	3,487	125	4,699	14,717	896	23,924
Total	269,295	38,739	236,811	97,995	109,263	752,103

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscel-laneous	
North America:					
United States	344,066	86,864	216,842	10,265	658,037
Canada	11,705	2,237	152,260	.....	166,202
Other North America	31,625	1,800	172	.....	33,597
South America	191,867	33,514	222,194	18,060	465,635
Australasia	10,864	4,198	18,228	.....	33,290
Asia	58,134	3,995	15,222	68	77,419
Total	648,261	132,608	624,918	28,393	1,434,180

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more long tons either during November 1937 or in November 1936 are listed below:

Commodity	November		Commodity	November	
	1936	1937		1936	1937
Atlantic to Pacific			*Pacific to Atlantic*—Continued		
Automobiles and parts	16,836	29,345	Canned goods various	59,393	99,790
Canned goods, various	5,267	15,296	Coffee	12,630	10,811
Cement	9,085	10,354	Cold storage [4]	12,105	10,950
Coal and coke	7,867	12,949	Copra	12,654	.....
Cotton, raw	39,590	8,123	Cotton, raw	6,458	11,261
Iron and steel	66,415	146,512	Flour	11,505	25,391
Machinery	8,958	15,313	Fruit, dried	13,251	51,099
Manufactured goods	4,485	15,034	Fruit, fresh [5]	24,710	38,278
Metals, various	9,637	38,682	Lumber	170,105	209,675
Oils, mineral	55,721	110,431	Metals, various	46,030	52,625
Ores	4,639	13,737	Molasses and syrups	33,523	2,203
Paper	33,682	32,972	Nitrates	65,870	123,375
Phosphates	22,383	22,213	Oats	13,924	4,582
Scrap metal	25,744	27,820	Oils, mineral	267,456	238,065
Sulphur	5,079	21,505	Oils, vegetable	15,519	8,436
Tinplate	22,024	23,055	Ores	159,332	164,815
			Paper	1,868	21,793
Pacific to Atlantic			Sodium compounds	11,289	4,193
			Sugar	77,492	66,180
Barley	14,693	17,921	Wheat	137,357	76,600
Beans, edible, dry	11,353	17,428	Wood pulp	8,118	28,651

[4] Exclusive of fresh fruit. [5] Not including bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of November 1937, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	32	.....	32	84
Agricultural implements	1,272	126	5,915	154
Alfalfa meal	.....	600	.....	625
Ammonium compounds	83	.....	5,539	.....
Animal foods [6]	.....	267	.....	267
Apparel, wearing (hats shoes, clothing, etc.)	12	.....	25	5
Asbestos	145	.....	5,849	134
Asphalt and tar	367	52	6,177	350
Automobiles (and autotrucks)	6,548	190	22,986	198
Automobile parts and accessories	819	234	6,479	270
Bags and bagging, textile	118	10	897	10
Bamboo and products	.....	17	.....	67
Bananas	.....	.....	.....	1,324
Barks, miscellaneous	.....	133	.....	558
Barley	18	153	18	17,921
Beans, edible, dry	31	7,997	31	17,428
Beer	296	.....	412	277
Beverages, nonalcoholic	14	.....	14	.....
Blood and tankage	.....	.....	530	.....
Bones and bone meal	.....	.....	279	.....
Books and printed matter	18	.....	18	1
Borax	10	712	225	6,476
Bran and pollards	.....	1,382	.....	6,010
Bricks and tile	246	.....	1,158	204
Canned and preserved goods:				
Fish	674	10,754	968	17,084
Fruit	688	28,489	758	60,697
Meat	81	362	1,503	384
Milk	55	14	390	570
Soup	3,182	100	3,190	100
Vegetables	3,092	9,318	3,138	9,508
Miscellaneous and unclassified	2,777	10,434	5,349	11,447
Carbon black	23	.....	634	.....
Celite	.....	656	.....	680
Cement	408	.....	10,354	.....
Chalk	.....	.....	444	.....
Charcoal	57	17	57	17
Chemicals [6]	2,880	731	8,491	1,440
Clay, china and fire	146	168	1,855	204
Coal	.....	.....	7,138	.....
Cocoa and cacao beans	215	.....	800	1,024
Coconuts and products [6]	62	875	264	1,547
Coffee	50	56	3,936	10,811
Coke	.....	.....	5,811	.....
Cold storage and refrigerated products:				
Dairy products	113	58	177	6,483
Eggs	.....	62	.....	155
Fish	.....	176	66	1,258
Lard	256	320	330	351
Meats	166	85	483	2,221
Poultry	.....	75	6	76
Vegetables	54	222	65	254
Other and unclassified	37	139	66	152
Confectionery	482	.....	579	.....
Corn	89	.....	1,109	.....
Cotton, raw	.....	434	8,123	11,261
Creosote	.....	.....	20	.....
Drugs and medicines	1,547	146	1,908	186
Dyes	.....	.....	77	125
Earthenware	50	11	181	580
Eggs, dried	.....	.....	.....	11
Electrical apparatus and appliances	1,438	486	2,496	823
Enamelware and metalware	159	.....	237	130
Explosives	.....	151	1,773	226
Extract, quebracho	.....	.....	1,295	.....
Fertilizers [6]	15	83	3,167	4,147
Fish, salted or dry-cured	.....	.....	50	.....
Fish meal	.....	993	.....	3,680

[6] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Floor coverings	2,036	2,796	2,463	2,828
Flour	149	20,369	695	25,391
Fruit, dried	43	20,770	190	51,099
Fruit, fresh [6]	.....	1,067	334	38,278
Furniture and household goods	438	.....	511	27
Gallnuts	.....	.....	.....	20
General	15,058	8,284	43,426	18,941
Glass and glassware	1,734	507	5,440	2,006
Glue	50	45	50	55
Grains, unclassified	.....	41	61	177
Groceries	1,305	603	2,322	914
Gums	.....	57	5	163
Hair, all kinds	.....	199	17	303
Hay	29	18	29	54
Hemp, unmanufactured	.....	6	41	1,596
Honey	.....	421	.....	640
Hops	.....	.....	100	.....
Horns and hoofs	.....	.....	.....	10
Infusorial earth	.....	1,246	.....	1,727
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	66,782	1,414	146,512	1,525
Ivory nuts	.....	.....	348	1,943
Jute, unmanufactured	.....	.....	319	.....
Lard substitute	328	.....	328	76
Lime	.....	.....	43	.....
Liquors	4,013	389	6,821	422
Lumber (including manufactured mill products)	2,040	100,170	3,045	209,675
Machinery	2,117	1,118	15,313	1,368
Malt	.....	.....	249	226
Manufactured goods [6]	8,283	799	15,034	3,593
Marble and granite	45	.....	439	20
Matches	35	110	35	110
Metals:				
Antimony	.....	95	89	95
Copper	59	1,305	7,826	30,329
Gold and silver	.....	.....	80	32
Iron	1,695	.....	20,141	.....
Lead	.....	1,301	5,129	12,908
Tin	367	522	381	732
Zinc	64	.....	1,275	8,436
Other and unclassified	107	43	3,761	93
Milk, powdered	.....	544	160	599
Molasses and syrups	380	.....	452	2,203
Nitrate	1,340	.....	1,895	123,375
Nuts, edible (including meats)	.....	929	116	1,214
Oats	132	1,825	136	4,582
Oils, mineral:				
Crude	.....	.....	1,889	71,796
Gas and fuel	9,740	.....	34,321	62,181
Gasoline, benzine, and naphtha	15	29,272	24,340	79,536
Kerosene	10	9,700	274	23,481
Lubricating and greases	25,889	553	49,553	1,071
Other and unclassified	54	.....	54	.....
Oils, vegetable:				
Coconut	.....	.....	43	4,758
Cottonseed	.....	.....	17	.....
Linseed	40	.....	247	.....
Olive	17	1	204	1
Peanut	.....	.....	.....	30
Rapeseed	.....	.....	.....	498
Wood	69	257	118	863
Other and unclassified	204	76	1,035	2,286
Oil, fish	98	1,445	104	3,824
Oil, whale	.....	402	43	402
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	25	93	25	3,026
Oilseed cake and meal	3,042	.....	3,042	5,971
Ores:				
Antimony	.....	.....	.....	417
Copper	.....	.....	7,701	14,747
Iron	.....	.....	27	128,500
Lead	.....	.....	.....	1,481
Magnesite	.....	94	.....	94
Manganese	.....	.....	.....	8,922
Tin	.....	.....	.....	4,841
Zinc	.....	.....	.....	4,744
Other and unclassified	4,456	.....	6,009	1,069
Paints and varnishes	1,735	334	3,742	481
Paper and paper products [6]	9,022	7,904	32,972	21,793
Peanuts	561	.....	561	.....
Peas, dry	.....	27	.....	83

[6] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Peatmoss	9	.....	505	.....
Phosphates	140	.....	22,213	.....
Plaster	.....	.....	40	.....
Porcelainware	420	429	940	4,165
Potash	.....	5,097	2,280	5,555
Pyrethrum flowers	.....	.....	.....	625
Rags and waste	146	335	638	1,251
Railroad material	2	.....	8,727	.....
Rice	669	1,389	833	4,622
Rope and twine	55	74	118	226
Rosin	788	67	3,974	67
Rubber:				
Manufactured	1,039	842	1,540	1,656
Raw	.....	63	56	5,121
Scrap	.....	12	99	22
Salt	259	191	4,169	569
Sand	2,420	.....	7,400	1,050
Scrap metal	705	216	27,820	457
Seeds (except oilseeds)	.....	384	314	752
Sewer pipe (concrete and terra cotta)	1,274	.....	1,274	.....
Shells, oyster	61	.....	61	228
Silk, raw	.....	344	26	1,848
Skins and hides	59	1,008	1,215	3,200
Slag	.....	.....	1,577	494
Slate	400	.....	400	.....
Soaps and products	1,365	220	1,449	343
Soda and sodium compounds:				
Soda ash	4,430	.....	5,311	237
Soda, caustic	185	.....	1,018	45
Miscellaneous and unclassified	700	.....	1,303	3,911
Soy beans	50	.....	50	9,319
Sugar	39	12,956	518	66,180
Sulphur	7,550	109	21,505	1,133
Talc	.....	83	.....	83
Tallow	.....	1,074	16	1,984
Tea	6	77	48	1,737
Textiles [7]	3,815	1,302	8,004	5,413
Tinplate	2,056	23	23,055	23
Tobacco and manufactures	149	48	5,605	214
Toilet preparations	70	1	117	9
Turpentine	320	.....	733	.....
Vegetables, dry [6]	.....	166	87	723
Wall board	56	.....	400	661
Wax, paraffin	15	95	433	447
Wheat	6	1,508	14	76,600
Wines	148	2,910	672	5,326
Wood pulp	12	17,671	9,842	28,651
Wool	20	933	20	3,557
Total, November 1937	221,869	344,066	752,103	1,433,180
Total, November 1936	45,980	213,841	464,903	1,282,465
Total, November 1935	186,338	441,927	634,402	1,416,020

[6] Except as otherwise classified. [7] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows, according to trade route, the tanker traffic through the Canal during the month of November 1937:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	7	35,535	29,025	3	19,780	38,972
East coast Canada and South America	1	6,753	.....	2	11,936	21,408
South American intercoastal	1	6,248	13,997	.....	.....	.....
Cristobal and United States	.....	.....	.....	1	5,854	11,643
West Indies and:						
United States	1	3,551	.....	7	35,265	62,498
Central America	1	4,479	10,050	.....	.....	.....
South America	2	9,007	10,530	.....	.....	.....
Europe and:						
United States	4	25,710	.....	4	19,012	39,641
South America	5	30,880	.....	5	31,478	62,505
Total	22	122,163	63,602	22	123,325	236,667

Comparison of Canal Traffic in November 1937, with November Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of October			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1914	[8] 86	313	447	1915	[9] 100	361	466
1915	.....	.....	.....	1916	60	199	258
1916	142	436	512	1917	145	483	588
1917	174	585	695	1918	165	547	627
1918	174	509	626	1919	162	510	576
1919	172	597	575	1920	199	712	781
1920	231	929	985	1921	232	950	966
1921	218	942	855	1922	222	951	907
1922	290	1,337	1,427	1923	325	1,550	1,631
1923	430	2,193	2,218	1924	429	2,179	2,249
1924	374	1,872	1,962	1925	382	1,904	1,996
1925	417	2,028	2,023	1926	424	2,064	2,169
1926	404	2,030	2,271	1927	441	2,184	2,311
1927	540	2,590	2,488	1928	521	2,453	2,468
1928	519	2,467	2,500	1929	524	2,485	2,554
1929	510	2,497	2,533	1930	502	2,497	2,502
1930	464	2,370	2,262	1931	447	2,314	2,089
1931	365	2,001	1,577	1932	364	1,968	1,650
1932	365	2,035	1,531	1933	347	1,900	1,513
1933	432	2,394	1,949	1934	436	2,379	2,059
1934	469	2,546	2,339	1935	432	2,317	2,109
1935	418	2,166	2,050	1936	449	2,335	2,209
1936	368	1,769	1,747	1937	467	2,404	2,507
1937	435	2,281	2,185	([10])	464	2,393	2,478

[8] Canal opened August 15, 1914. [9] Average for 10½ months. [10] Average 11 months of calendar year 1937.

Terminal Activities

Ships repaired during the month of November 1937 numbered 63. Vessels released from drydock numbered 12. Fuel oil in the quantity of 246,515 barrels was delivered as bunkers to 126 commercial ships. Bunker coal amounting to 7,820 tons was delivered to 23 commercial ships. Sales of commissary supplies to ships aggregated $43,435.30.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ..... tons	20,114	13,089	33,203
Local cargo shipped ..... tons	2,559	528	3,087
Cargo received for transshipment ..... tons	43,046	1,352	44,398
Cargo transshipped ..... tons	46,339	1,528	47,867
"Canal Zone for Orders" cargo:			
Number of receipts issued	7	3	10
Number of releases issued	28	12	40
Tons received	9	9	18
Tons withdrawn	30	5	35

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	514	3,056,596	1,813,497	476	2,797,963	1,660,602
Vessels entering port but not transiting Canal	65	319,419	184,611	11	43,001	23,783
Vessels transiting Canal and handling passengers and cargo at terminal ports	121	785,388	453,954	96	681,290	387,057
Ships clearing						
All vessels, including those transiting Canal	511	3,045,774	1,807,969	478	2,781,115	1,651,440
Vessels clearing port but not transiting Canal	61	309,287	178,740	15	49,997	29,759
Vessels transiting Canal and handling passengers and cargo at terminal ports	119	775,862	448,065	96	673,243	380,904

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, November 10, 1937, to midnight, December 10, 1937. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Istmo, 0, 437
Acajutla, 0, 1,061
Eidsvold, 1,102, 51
Cristobal, 3,368, 785
Santa Elena, 80, 373
Stella Lykes, 783, 209
Veragua, 15, 15
Santa Inez, 410, 66
Brazil, 4, 165
Santa Marta, 708, 391
San Clemente, 770, 30
Cuba, 79, 1,023
Crynssen, 17, 745
Toloa, 440, 55
Colombia, 98, 1,035
Arica, 797, 0
Ino, 265, 157
Nuevo Panama, 0, 61
Breda, 124, 900
Cerigo, 4, 339
Cali, 766, 1,015
Naturo Maru, 1,092, 0
Trois Ilets, 0, 171
Newsom, 6, 524
Veragua, 134, 106
Santa Rita, 136, 5
Caribia, 79, 15
Seattle, 283, 499
Vancouver, 708, 181
Orazio, 169, 0
San Jose, 30, 188
Contessa, 355, 350
Mayan, 122, 1,114
Vito, 981, 0
Lochkatrine, 88, 120
Hokkai Maru, 589, 138
Santa Clara, 45, 4
Dakarian, 360, 69
Amasis, 166, 85
San Blas, 263, 0
Buenaventura, 1,906, 457
Istmo, 723, 207
Quirigua, 18, 28
Metapan, 395, 156
NuevoPanama,234,208
Manizales, 989, 637
Calamares, 389, 395
Haiti, 90, 1,004
Delftdijk, 180, 296
Clio, 622, 108
Colombia, 126, 97
West Iris, 192, 219
Mecklenburg, 11, 252
R. L. Hustler, 2, 0
Quirigua, 70, 38
Reina del Pacifico, 104, 580
Orbita 104, 5
Rhokotis, 36, 27
San Bernardino, 450, 0
Santa Paula, 494, 0
Trois Ilets, 264, 0
Salvador, 314, 0
Santa Lucia, 118, 10
Nansenville, 5, 70
Osnabruek, 28, 128
Caribia, 57, 692
Cefalu, 633, 451
Allister, 363, 72
Elbe, 269, 220
Ancon, 2,577, 759
Santa Barbara, 515, 11
Sagua, 186, 0
Fella, 83, 329
Tai Ping, 593, 0
Peten, 18, 14
Santa Rosa, 77, 116
Sixaola, 669, 284
Cellina, 142, 0
Boskoop, 282, 572
Ino, 602, 0
Istmo, 742, 142
Durazzo, 1,040, 920
Kunikawa Maru, 1927, 40
Pasajero, 15, 1
Karnak, 65, 129
Ulua, 364, 26
San Antonio, 202, 116
Alaska, 105, 676
Este, 356, 320
Pastores, 52, 641
Colombia, 0, 1,047
San Felipe, 331, 0
Chiriqui, 186, 867
Nero, 0, 39
Duesseldorf, 111, 259
Peten, 96, 0
Adellen, 11,643, 0
De La Salle, 190, 0
Santa Maria, 232, 1
Contessa, 277, 0
De La Salle, 0, 230
Palatia, 0, 344
Contessa, 0, 374
Nuevo Panama, 0, 94
Jeff Davis, 636, 0
Dinteldijk, 20, 56
Genevieve Lykes, 356, 197
Pereira, 380, 998
Tres Amigos, 0, 42
Europa, 16, 164
Kirishima Maru, 381, 0
Gansfjord, 0, 262
Mantilla, 5,677, 0
Canadian Constructor, 791, 8
Oklahoman, 150, 742
Guayaquil. 2,273, 485
Veragua, 34, 29
Orduna, 97, 13
Indiana, 307, 0
Washington, 230, 66
San Benito, 311, 224
Santa Rita, 220, 108
Tivives, 691, 78,
Trois Ilets, 314, 144
Hermonthis, 115, 95
Benj. Franklin, 512, 389
Clio, 448, 36
Nero, 0, 63
Abangarez, 11, 0
Cerigo, 1,240, 426
Istmo, 768, 207
Kimikawa Maru, 442, 0
Toloa, 458, 115
Colombia, 129, 449
Lobos, 149, 11
Tsuyama Maru, 315, 0
Kwanto Maru, 551, 15
Talamanca, 245, 183
Iris, 0, 962
Peter Kerr, 416, 23
Veragua, 20, 476
Santa Inez, 227, 69
Misoa, 6,063, 0
Dresden, 269, 93
Acajutla, 309, 0
Peter Maersk, 405, 121
Santa Elena, 598, 14
Cefalu, 420, 575
Nyholt, 12,493, 0
Cristobal, 2,442, 0
Rio de Janerio Maru, 0 162
Darian, 509, 0
Lochgoil, 219, 137
Athelcrown, 9,886, 0
Helder, 0, 42
Santa Lucia, 23, 27
Venezuela, 131, 18
Alkmaar, 193, 0
Ino, 399, 0
Santa Marta, 752, 0
Trois Ilets, 311, 0
Manizales, 1,132, 0
Quirigua, 24, 39
Santa Paula, 438, 100

BALBOA

Nebraska, 0, 142
St. Mihiel, 475, 34
Santa Inez, 161, 0
Santa Elena, 68, 87
Emma Bakke, 1,827, 0
Chateau Thierry, 910, 155
Talamanca, 463, 14
Santa Rita, 1, 16
Awobasan Maru, 10, 0
Santa Clara, 248, 38
Atago Maru, 163, 0
Pres. Van Buren, 27, 0
Delftdijk, 0, 157
Santa Lucia, 49, 20
Antigua, 367, 29
Mayan, 0, 56
Santa Paula, 82, 0
Salvador, 2, 0
Osnabruek, 24, 0
Belita, 2,327, 0
Santa Barbara, 186, 19
Elbe, 126, 0
Tai Ping, 300, 0
Este, 315, 0
Boskoop, 156, 110
Axel Johnson, 938, 0
Neches, 4,230, 0
La Placentia, 11,142, 0
Chiriqui, 126, 0
Jeff Davis, 274, 0
Nirto, 17, 0
Heiyo Maru, 13, 0
Santa Maria, 25, 0
Oklahomau, 3, 0
Pennsylvania, 0, 101
Santa Rita, 123, 11
Talamanca, 137, 0
St. Mihiel, 158, 23
Santa Inez, 23, 0
Ludington, 567, 31
Pereira, 0, 20
Peter Maersk, 235, 0
Santa Elena, 121, 0
Santa Paula, 269, 0
Pres. Garfield, 11, 0
Santa Lucia, 31, 0
Santa Rosa, 46, 69

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal numbered 2,416; embarking 2,121; at Balboa, 1,113 disembarking and 1,038 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 4,021, from the Pacific to the Atlantic, 4,545. Aircraft numbering 59 entered Cristobal, and 218 passengers disembarked; clearances were 58, with 235 passengers embarking; at Balboa entries of aircraft were 62, with 111 passengers disembarking; clearances, 62, with 108 passengers embarking.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from tanks of The Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $1.20 per barrel at Cristobal and Balboa; Diesel oil, $2.00 per barrel at Cristobal and Balboa.

Movements of Ocean Vessels Through the Panama Canal

From midnight November 10, 1937, to midnight December 10, 1937

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Port Montreal [2]	10	11	Brit.	Mont.-Aust.-N.Z.Line	Montreal,Canada	Australia	General	5,455
William Luckenbach.	11	11	Amer.	Luckenbach Line	Providence, R. I.	Tacoma, Wash.	General	2,405
Port Hobart [2]	11	11	Brit.	Port Line	Kingston, Jam.	Dunedin, N. Z.	General	5,064
Kakapo	11	11	Brit.	Union S. S. Co. of N. Z.	Glasgow, Scot.	S. Francisco, Cal.	Ballast	
Franz Klasen [1] [2]	11	11	Pan.	W. Tankschiff Rhed'i.	Hamburg, Ger.	Talara, Peru	Ballast	
Hanley	11	11	Amer.	Weyerhaeuser S. S. Co	New York, N. Y.	Seattle, Wash.	(15)	6,156
Munchen [2]	10	12	Ger.	North German Lloyd	Hamburg, Ger.	Corral, Chile	General	5,013
Baron Jedburgh	11	...	Brit.	Hogarth Shipping Co.	Philadelphia, Pa.	Yokohama,Japan	Pig iron	6,998
City of Canton	11	12	Brit.	Ellerman & Bucknall.	Montreal,Canada	Kobe, Japan	(16)	6,032
Emma Bakke [2]	11	14	Nor.	Knut Knutsen, O.A.S.	Goth'burg, Swed.	Valparaiso, Chile.	General	3,207
Kiyosumi Maru [2]	12	12	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	Steel,tin,gen.	7,405
Istmo	10	12	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	700
Minerva [2]	12	12	Nor.	Chile. Nit. Sales Corp.	Wilmington,N.C.	Chile	Ballast	
Trondanger [2]	11	12	Nor.	Interocean S. S. Co.	London, England	Vancouver, B. C.	General	422
Santa Inez [2]	2	13	Amer.	Grace Line	New York, N. Y.	Ant'fagasta,Chile	(17)	1,986
Santa Elena	12	13	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	2,675
Embassage	13	13	Brit.	Anglo-Can. S. S. Co.	Cardiff, England.	Vancouver, B. C.	Ballast	
Queen Maud [2]	12	13	Brit.	Westralian Farmers	Freeport, Tex.	Adelaide, Aust.	Crude sulph.	8,348
Brazilian Reefer [2]	13	13	Dan.	United Fruit Co.	Haifa, Palestine.	Pto. Arm'les,R.P.	Ballast	
San Clemente	12	13	Amer.	Calif. Eastern Line	Philadelphia, Pa.	Tacoma, Wash.	General	3,565
Panaman	13	13	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,115
Chateau Thierry [8]	13	...	Amer.	U. S. Army	New York, N. Y.	Balboa, C. Z.	General	838
Arawa	14	14	Brit.	Shaw, Savill & Albion	London, England	Auckland, N. Z.	General	5,919
Acacia [13]	10	...	Amer.	U. S. Government	San Juan, P. R.	Balboa, C. Z.	Ballast	
Chattanooga City	13	14	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Seattle, Wash.	General	4,378
Washingtonian	13	14	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Tacoma, Wash.	General	5,220
Eastern Glade	14	14	Amer.	McCormick S. S. Co.	Norfolk, Va.	Seattle, Wash.	General	2,670
Strix [1] [2]	14	14	Nor.	Anglo-Saxon Pet. Co.	Goth'burg, Swed.	Los Angeles, Cal.	Ballast	
Tekoa	14	15	Brit.	N. Z. Shipping Co.	Liverpool, Eng.	Frem'tle, Aus'lia.	General	6,979
Katendrecht [1] [2]	14	14	Neth.	Phs. V. Ommeren	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	
Amagisan Maru [2]	14	14	Jap.	Mitsui Bussan Kaisha	Philadelphia, Pa.	Dairen, China	Copper, iron.	7,715
Ino[2]	13	14	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	144
Downes [9]	14	17	Amer.	U. S. Navy	U. S. port	San Diego, Calif.	Ballast	
Nuevo Panama [2]	13	14	Pan.	Elliot Ship. & Land Co.	Cristobal. C. Z.	B'ventura, Col.	General	210
Balch [9]	14	15	Amer.	U. S. Navy	Boston, Mass.	San Diego, Cal.	Ballast	
Winslow [9]	14	15	Amer.	U. S. Navy	Guantan'o, Cuba.	Los Angeles, Cal.	Ballast	
Breda	13	15	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,481
Marna	14	15	Dan.	West Coast Line	New York, N. Y.	Talcahuano,Chile	General	2,200
Steel Navigator	15	15	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Hongkong, China	(17)	8,084
Florence Luckenbach.	15	15	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	3,500
Trois Ilets	14	15	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	178
Point Chico	15	15	Amer.	Swayne & Hoyt	Houston, Tex.	Tacoma, Wash.	General	5,133
Bronxville [2]	15	15	Nor.	Fern Line	Tampa, Fla.	Haiphong, China.	(18)	7,513
Guadeloupe [2]	15	15	Fr.	French Line	Dieppe, France	Vancouver, B. C.	Ballast	
Orazio [2]	15	16	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile.	General	872
Plunger [7]	13	16	Amer.	U. S. Navy	High seas	San Diego, Calif.	Ballast	
Rotula [1] [2]	15	16	Neth.	Anglo-Saxon Pet. Co.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Forest [2]	15	16	Brit.	Seaboard Shipping Co.	Sunderland, Eng.	Brit. Columbia	Ballast	
Scottish Heather [1]	16	16	Brit.	Standard Oil of N. J.	Aruba, N. W. I.	S. Antonio, Chile.	Fuel oil	10,530
Hokuroku Maru [2]	16	16	Jap.	Osaka Shosen Kaisha.	Santos, Brazil	Kobe, Japan	General	7,478
Parracombe	15	16	Brit.	Mersey Paper Co.	Liverpool, N. S.	Auckland, N. Z.	Newsprint	4,411
Oregonian	16	16	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	2,368
Acajutla	9	16	Brit.	Pacific Steam Nav.Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	1,051
Brynymor	15	16	Brit.	Brynymor S. S. Co.	Cardiff, England.	S. Francisco, Cal.	Ballast	
Heranger [2]	16	16	Nor.	Interocean S. S. Co.	Rotterdam, Neth.	Los Angeles, Cal.	Passengers	
Cerigo	13	16	Ger.	Hamburg-Amer. Line.	Manaure, Col.	Guayaquil, Ecua.	Salt,gen,flour	1,055
Pan Norway [1] [2]	16	17	Nor.	Standard Oil of N. J.	Falmouth, Eng.	Talara, Peru	Ballast	
Vancouver	15	16	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	2,574
Porto Bello [3]	16	...	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
W. S. Miller [1]	17	17	Amer.	Standard Oil of Calif.	New York, N. Y.	S. Francisco, Cal.	Lub. oil	10,000
Cali	13	17	Ger.	North German Lloyd.	Cristobal, C. Z.	Valparaiso, Chile.	General	989
Caduceus	17	17	Brit.	Anglo-Can. S. S. Co.	Barry, England.	Vancouver, B. C.	Ballast	
Montrolite [1] [2]	17	17	Brit.	Imperial Oil Co.	Montreal,Canada	Talara, Peru	Ballast	
Fernbank [2]	17	17	Nor.	Fern Line	Tampa, Fla.	Osaka, Japan	General	7,002
Real [2]	16	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	16	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Tuira [2]	16	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Frank [3]	17	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[14]		25
Warwick [1]	18	18	Amer.	Union Oil Co., Calif.	Paulsboro, N. J.	Pt.SanLuis,Calif.	Ballast	
Chr. Knudsen [2]	18	18	Nor.	Canadian Transp. Co.	Immingham,Eng.	S. Francisco, Cal.	Ballast	
Portmar	17	18	Amer.	Calmar Line	Baltimore, Md.	Los Angeles, Cal.	Steel, gen.	6,615
Arna [2]	18	18	Nor.	S. M. Kuhnle & Sons.	New York, N. Y.	Los Angeles, Cal.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [7] Submarine. [8] Transport. [9] Destroyer. [13] Lighthouse tender. [14] For bananas and return to Cristobal. [15] Sand, steel, general. [16] Asbestos, scrap, etc. [17] Steel, iron, general. [18] Steel products, general, etc. [19] Phosphate, lead, cotton.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Santa Clara	19	19	Amer.	Grace Line	New York, N. Y.	SanAntonio,Chile	General	2,986
Elin K. [2]	18	18	Nor.	Chile Nit. Sales Corp.	Sorel, Canada	Tocopilla, Chile	Ballast	
Breckenridge [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
L-53 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
J-26 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Firmore	18	19	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
California	19	19	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,239
Walter A. Luckenbach.	19	19	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,558
Polzella	18	19	Brit.	Mitsubishi Line	Lake Charles, La.	Yokohama,Japan	Scrap iron	7,815
President Van Buren.	20	20	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal.	General	4,788
Levernbank [2]	20	20	Brit.	Canadian Transp. Co.	Montreal,Canada	Vancouver, B. C.	General	4,149
Chapaiev	17	20	USSR.	Russian Government.	New York, N. Y.	Vlad'ok, U.S.S.R.	Tinplate	2,200
Santore	20	20	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Edgar F. Luckenbach.	20	20	Amer.	Luckenbach Line	Mobile, Ala.	Tacoma, Wash.	General	2,905
Lady Clara [5]	15		Amer.	B. W. Stephenson	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Nuevo Panama [2]	19	21	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	General	210
Dallington Court.	20	21	Brit.	Anglo-Can. S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	
Iowan	20	21	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,368
Washington Express [2]	21	21	Nor.	Fruit Express Line	Glasgow, Scot.	Los Angeles, Cal.	Ballast	
Nako Maru [2]	21	21	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	Steel, gen.	7,865
Queen Victoria [2]	21	21	Brit.	Thomas Dunlop & Sons	New Orleans, La.	Hongkong, China	Gasoline	6,312
President de Vogue. [1] [2]	20	26	Nor.	Comp. des Prod. Chem. et Raff. de Berre.	Port de Bouc, Fr.	Talara, Peru	Ballast	
Clio [2]	20	21	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	99
Istmo	18	21	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	370
Bethore	21	21	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Delftdijk [2]	20	23	Neth.	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B. C.	General	2,847
Tuira [2]	20		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	20		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Dezrine [5]			Amer.	P. A. Launsett	Cristobal, C. Z.	Balboa, C. Z.	(13)	
Sea Hawk [5]			Amer.	P. A. Launsett	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Pomona	21	22	Amer.	Pac. Coast Dir. Line	New York, N. Y.	Seattle, Wash.	General	3,703
Selma City	21	22	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Seattle, Wash.	Steel, gen.	2,937
Point Ancha	21	22	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	4,175
Kahuku	22	22	Amer.	Matson Nav. Co.	Baltimore, Md.	Honolulu, T. H.	(14)	1,987
West Ivis	21	22	Amer.	McCormick S. S. Co.	Buenos Aires, Arg.	Seattle, Wash.	Cocoa, coffee	2,313
Regulus [1] [2]	21	22	Swed.	Magnus Konow	New York, N. Y.	Los Angeles, Cal.	Ballast	
Mayan	16	23	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	1,120
Mecklenburg	21	22	Ger.	Hamburg-Amer. Line.	Gibara, Cuba	Osaka, Japan	(15)	9,314
Manizales	19	22	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	579
Reina del Pacifico [2]	22	22	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile.	General	2,973
San Bernardino	22	23	Amer.	States S. S. Co.	New York, N. Y.	Tacoma, Wash.	General	3,883
Pacific Grove [2]	22	23	Brit.	Furness (Pacific) Ltd.	Glasgow, Scot.	Portland, Oreg.	General	1,686
Matsumoto Maru.	22	23	Jap.	Nippon Yusen Kaisha	Hamburg, Ger.	Yokohama,Japan	(16)	4,009
Malayan Prince [2]	22	23	Brit.	Prince Line, Ltd.	New York, N. Y.	Hongkong, China	General	6,800
Herman F. Whiton	23	23	Amer.	Union Sulphur Co.	Freeport, Tex.	Everett, Wash.	Sulphur	7,385
Anna Maersk [2]	23	23	Dan.	Isbrandtsen Moller	Boston, Mass.	Manila, P. I.	General	6,852
Frank [3]	23		Pan.	E. J. Hooper	Cristobal, C. Z.	Ped. Miguel, C. Z.	(17)	
Matakana	23	23	Brit.	Shaw, Savill & Albion	Glasgow, Scot.	Pt. Chalmers, N.Z.	General	6,094
Sandhamn [2]	23	23	Swed.	Canadian Transp. Co.	Botwood, Nfld.	Tacoma, Wash.	Copper	7,701
Isthmian	23	23	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Tacoma, Wash.	General	4,041
Skjelbred [2]	22	23	Nor.	Kawasaki Line	New York, N. Y.	Yokohama,Japan	General	6,937
Californian [2]	23	23	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,286
Geddington Court.	23	23	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	
Belita [1] [2]	23	24	Nor.	Hans Kristoffersen	St. Nico's, N.W.I.	Corinto, Nic.	Fuel oil	10,050
Porto Bello [3]	23	23	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Taylor [9]	20		Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Chelsea	23	24	Brit.	Chile Nit. Sales Corp.	Delfzyl, Neth.	Tocopilla, Chile	Ballast	
Lindenhall [2]	24	24	Brit.	Anglo-Can. Lum. Co.	W. Hartlep'l, Eng.	Vancouver, B. C.	Ballast	
Union [2]	23		Pan.	A. Valdes	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	23		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	23		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Zacapa	24	25	Amer.	United Fruit Co.	Philadelphia, Pa.	S. Francisco, Cal.	Ballast	
Elbe [2]	24	25	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	6,798
Paul Luckenbach.	25	25	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,150
Martin Bakke [2]	25	25	Nor.	Knutsen Line	Belfast, Ireland	Vancouver, B. C.	Passengers	
Santa Barbara [2]	25	26	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	2,824
Port Darwin	25	26	Brit.	Port Line	Philadelphia, Pa.	Brisbane, Aus'lia.	General	7,073
West Cape	25	26	Amer.	McCormick S. S. Co.	New York, N. Y.	Los Angeles, Cal.	General	5,428
Steel Age	25	26	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Honolulu, T. H.	(18)	2,453
Vinni [2]	26	26	Nor.	Kawasaki K. Kaisha	Port Tampa, Fla.	Osaka, Japan	Phos., cotton	6,744
Hadleigh	26	26	Brit.	Seaboard Ship. Co.	Barry, England	Vancouver, B. C.	Ballast	
Santa Rosa	26	27	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	2,451

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [9] Destroyer. [13] Towing cayuco No. 5627. [14] Steel, tinplate, general. [15] Oil, lead, cotton, etc. [16] Bomb parts, iron, etc. [17] For scrap iron and unload at Gatun, return with 25 tons bananas for Cristobal. [18] Steel, autos, general, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Rangitane [2]	26	27	Brit...	N. Z. Shipping Co...	London, England	Wellington, N. Z.	General	4,330
Illinois [1]	26	26	Amer..	The Texas Co.	Pt. Arthur, Tex..	Los Angeles, Cal.	Lub. oil	9,285
Erlangen	26	27	Ger...	North German Lloyd	New Orleans, La.	Adelaide, Aust'lia	(14)	8,380
Real [2]	25	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Boskoop	26	28	Neth..	Royal Neth. S. S. Co.	Hamburg, Ger...	Talcahuano, Chile	General	2,221
Northleigh	26	27	Brit...	Anglo-Can. S. S. Co..	Barry, England..	Vancouver, B. C.	Ballast	.....
Australian Reefer [2]	26	27	Dan...	J. Lauritzen	Dieppe, France..	Seattle, Wash...	Ballast	.....
Axel Johnson [2]	26	28	Swed..	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Gen., cement	3,917
Sea Thrush	27	27	Amer..	Shepard S. S. Co.	Albany, N. Y.	Tacoma, Wash..	General	4,323
Trois Ilets	22	27	Fr...	French Line	Cristobal, C. Z..	B'ventura, Col...	Ballast	.....
Alaskan	27	27	Amer..	Amer.-Hawaiian Line.	Boston, Mass...	Portland, Oreg...	General	2,930
Ino [2]	26	27	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	Ballast	.....
Nestos	27	27	Greek.	Lowe & Partners, Ltd.	Cardiff, England.	Ant'fagasta, Chile	Coal	7,015
Greystoke Castle [2]	27	27	Brit...	Barber Line	Baltimore, Md...	Dairen, China...	General	6,682
Cellina [2]	26	27	Ital...	Italia	Trieste, Italy...	Vancouver, B. C.	General	1,059
Yorkmar	27	28	Amer..	Calmar Line	Baltimore, Md...	Seattle, Wash...	Gen., steel..	8,715
Marne Maru	26	28	Jap...	K. Line	Boston, Mass...	Los Angeles, Cal.	Scrap steel..	7,853
Karnak	27	27	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	Talcahuano, Chile	General	5,513
S-43 [7]	...	...	Amer..	U. S. Navy	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Istmo	26	28	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General	260
San Antonio	27	28	Fr...	French Line	Havre, France...	Vancouver, B. C.	(15)	5,866
Ettrickbank [2]	27	28	Brit...	Canadian Transp. Co.	Sunderland, Eng.	Portland, Oreg...	Ballast	.....
Corrientes	27	28	Brit...	Donaldson Line	Glasgow, Scot...	N. Westm'er, B.C.	General	860
Katrina Luckenbach.	27	28	Amer..	Luckenbach Line	New Orleans, La.	Seattle, Wash...	General	2,804
Silverteak [2]	28	28	Brit...	Silver Line, Ltd.	Savannah, Ga...	Los Angeles, Cal.	Psgrs. only..	.....
Baru [2]	27	28	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Pto. Arm'les, R. P.	Ballast	.....
Port Campbell	28	29	Brit...	Com'lth & Dom. Line	London, England	Auckland, N. Z..	General	8,691
Tuira [2]	27	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Alaska	27	29	Fr...	French Line	Havre, France...	Valparaiso, Chile.	General	2,211
San Felipe	28	29	Amer..	Quaker Line	Norfolk, Va.	Tacoma, Wash..	Gen., steel..	3,219
Dusseldorf [2]	28	29	Ger...	North German Lloyd.	Hamburg, Ger...	Talcahuano, Chile	General	4,912
Nero [2]	28	29	Neth..	Royal Neth. S. S. Co.	Amsterdam, Neth	Guayaquil, Ecua.	General	32
Frida	28	29	Dan...	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	2,437
Turrialba	28	2	Amer..	United Fruit Co.	Philadelphia, Pa.	S. Francisco, Cal.	Ballast	.....
Honomu	28	29	Amer..	Isthmian S. S. Lines..	Portland, Me...	Tacoma, Wash..	(16)	3,622
Asakasan Maru [2]	29	29	Jap...	Mitsui & Co.	New York, N. Y.	Dairen, China...	General	6,214
Durazzo	26	29	Ger...	Hamburg-Amer. Line.	Cristobal, C. Z..	Guayaquil, Ecua.	General	836
El Oso [1]	29	30	Brit...	C. T. Bowring & Co..	Birkenhead, Eng.	Cabo Bl'co, Peru.	Ballast	.....
City of Eastbourne.	29	30	Brit...	Ellerman & Bucknall.	Montreal, Canada	Dairen, China...	General	7,812
Sanyo Maru [2]	30	30	Jap...	Osaka Shosen Kaisha.	Boston, Mass...	Kobe, Japan	General	7,298
City of Manchester.	29	30	Brit...	Norton, Lilly & Co...	New York, N. Y.	Adelaide, Aust'lia	General	6,739
Ida Knudsen [1] [2]	30	1	Nor...	Standard Oil of N. J.	Caripito, Venez..	Tocopilla, Chile..	(17)	13,997
Tasmania [2]	30	30	Dan...	Kawasaki K. Kaisha.	Baltimore, Md...	Dairen, China...	Rails, phos..	7,218
Virginian	30	30	Amer..	Amer.-Hawaiian Line.	Boston, Mass...	Seattle, Wash...	General	2,359
Maria Cristina [3]	30	30	Pan...	A. Tagaropulos	Cristobal, C. Z..	Real, R. P.	General	3
Salvador	22	1	Brit...	Pacific Steam Nav. Co.	Cristobal, C. Z..	Champ'ico, Guat.	General	854
Chincha	1	1	Amer..	Griffiths S. S. Co.	Galveston, Tex..	Seattle, Wash...	Sulphur	4,846
King Robert	30	1	Brit...	Anglo-Can. S. S. Co..	Cardiff, Eng.	Vancouver, B. C.	Ballast	.. ..
Suez II [6]	1 0-6	3	Amer..	Chas. V. B. Reilly...	Milwaukee	Round the world.	Ballast	.....
Adellen [1] [2]	29	1	Brit...	Union Oil Co.	Cristobal, C. Z..	Cabo Bl'co, Peru.	Ballast	.....
Leikanger	1	1	Nor...	Westfal, Larsen & Co.	Buenos Aires, Arg.	Vancouver, B. C.	General	2,722
Tropic Star [2]	1	1	Nor...	Chile Nit. Sales Corp.	Charleston, S. C.	Tocopilla, Chile..	Ballast	.....
Devon City [2]	1	1	Brit...	States Marine Corp...	Baltimore, Md...	Osaka, Japan	Copper, iron.	8,116
Hazelside	30	1	Brit...	Canadian Transp. Co.	Montreal, Canada	N. Westm'er, B.C.	General	7,000
Schors	1	2	Rus...	U. S. S. R.	Baltimore, Md...	Vladivos'k, Rus..	Tinplate	2,790
Nuevo Panama [2]	30	1	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Puntarenas, C.R.	General	95
GM2-11 [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
Frank [3]	1	...	Pan...	E. J. Hooper	Cristobal, C. Z..	Gatun, C. Z. [13]	.....	25
Lt. Col. H. C. Schumm. [4]	30	...	Amer..	U. S. Army	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Real [2]	30	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Sona [2]	30	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
President Lincoln.	2	2	Amer..	Dollar Line	Boston, Mass...	Manila, P. I.	Gen., paper.	5,059
Neches [1]	30	2	Amer..	U. S. Navy	Cristobal, C. Z..	San Diego, Calif.	Ballast	.....
Point Clear	1	2	Amer..	Swayne & Hoyt	Houston, Tex.	Seattle, Wash...	(18)	6,265
Gaelic Star	2	2	Brit...	Blue Star Line	Valencia, Spain..	Vancouver, B. C.	Ballast	.....
Fresno City [2]	2	2	Brit...	Sterns, Ltd.	New Orleans, La.	Hongkong, China	Gasoline	6,435
Europa [2]	2	2	Dan...	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	(19)	748
Red Sea	2	2	Brit...	Anglo-Can. S. S. Co..	Cardiff, England.	Brit. Columbia..	Ballast	.....
Kaimata [2]	2	3	Brit...	Mont.-Aust.-N.Z. Line	Montreal, Canada	Sydney, Aust'lia.	General	4,096
Henry D. Whiton	2	2	Amer..	Union Sulphur Co.	Freeport, Tex...	Tacoma, Wash...	Sulphur	6,300
Moorby [2]	2	3	Brit...	Ropner Shipping Co..	London, England	Vancouver, B. C.	Ballast	.....
Pennsylvania	3	4	Amer..	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,172
Julia Luckenbach.	3	3	Amer..	Luckenbach Line	Boston, Mass...	Seattle, Wash...	Gen., autos..	2,494

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [6] Yacht. [7] Submarine. [13] For bananas and return to Cristobal. [14] Sulphur, asphalt, etc. [15] Sand, coke, coffee. [16] General, steel, oils. [17] Fuel and Diesel oil. [18] Steel, general, sulphur. [19] Peat moss, general, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Oklahoman	2	3	Amer.	Grace Line	Baltimore, Md.	Valparaiso, Chile.	General	4,407
Auretta	3	4	Brit.	Union Oil, Melbourne	Tampico, Mex.	Melbourne, Aust.	(16)	8,200
Nathan [2]	3	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[15]		20
Santa Rita [2]	3	4	Amer.	Grace Line	New York, N. Y.	Ant'fagasta, Chile	General	1,920
Steelore	4	4	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Ohioan	4	4	Amer.	Amer.-Hawaiian Line.	Jacksonville, Fla.	Seattle, Wash.	General	4,502
Winona	4	4	Amer.	Pac. Coast Dir. Line.	New York, N. Y.	Tacoma, Wash.	General	4,100
St. Mihiel [8]	2	6	Amer.	U. S. Army	Brooklyn, N. Y.	S. Francisco, Cal.	Supplies	250
Vibran [2]	4	4	Nor.	O. A. Knutsen	Falmouth, Eng.	Los Angeles, Cal.	Ballast	
Lautaro [2]	2	5	Brit.	Pacific Steam Nav.Co.	Hull, England	Talcahuano, Chile	General	2,987
Clio [2]	3	5	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	33
Pennsylvanian	4	5	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,230
Hermonthis [2]	3	5	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	3,954
Trois Ilets	3	5	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	144
Nero [2]	3	5	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	56
Jonna	5	5	Dan.	J. Lauritzen	Hook of Holland.	Seattle, Wash.	Ballast	
Kongo Maru [2]	5	5	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	General	7,775
Benjamin Franklin. [2]	3	5	Nor.	Fred Olsen & Co.	Oslo, Norway	Vancouver, B. C.	General	5,874
Golden Cross	5	5	Amer.	Isthmian S. S. Lines.	Mobile, Ala.	S. Francisco, Cal.	Steel	5,700
King Edgar [2]	5	6	Brit.	Canadian Transp. Co.	New York, N. Y.	Vancouver, B. C.	Ballast	
Tuira [2]	4	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	4	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Langley [13]	1	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Fernclift [2]	5	6	Nor.	Chile Nit. Sales Corp.	Baltimore, Md.	Chile	Ballast	
Abangarez	3	10	Amer.	United Fruit Co.	New York, N. Y.	S. Francisco, Cal.	Ballast	
Surrey	5	6	Brit.	Mont.-Aust.-N.Z.Line	Montreal, Canada	Melbourne, Aust.	General	5,692
American Reefer [2]	6	6	Dan.	J. Lauritzen	Haifa, Palestine.	Los Angeles, Cal.	Ballast	
Cerigo	3	6	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	387
Istmo	3	6	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	530
Peter Kerr	6	6	Amer.	Quaker Line	Philadelphia, Pa.	Seattle, Wash.	General	2,998
Misoa [1]	6	...	Brit.	Lago Shipping Co.	Aruba, N. W. I.	Balboa, C. Z.	Drydocking	
Pereira	1	7	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	998
Brimanger [2]	6	7	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Los Angeles, Cal.	General	63
Constance Chandler.	6	7	Amer.	Matson Nav. Co.	Baltimore, Md.	Honolulu, T. H.	General	4,572
Kent	6	7	Brit.	FederalSteamNav.Co.	New York, N. Y.	Dunedin, N. Z.	General	4,291
Texmar	6	7	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	6,759
Taketoyo Maru	7	7	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Dairen, China	Steel, gas	8,315
Cornwall	7	8	Brit.	FederalSteamNav.Co.	Swansea, Eng.	N.Plymouth, N.Z.	General	12,144
Federal	7	8	Brit.	G. E. Marden	New Orleans, La.	China	Ballast	
Pacific Enterprise. [2]	7	7	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	851
Felipe, Jr. [5]			Pan.	Felipe Yee	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Coloradan	7	8	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	Steel, gen.	1,644
West Notus	8	8	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	Steel, gen.	2,185
Baru [2]	7	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Arkansan	7	8	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	S. Francisco, Cal.	Soda ash	6,000
Corabella	7	8	Brit.	Van.-St. Lawrence Co.	Montreal, Canada	Victoria, B. C.	General	5,300
Leticia [3]	6	8	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	62
Oregon Express [2]	7	8	Nor.	Fruit Express Line	Glasgow, Scot.	Pto.Arm'les, R.P.	Ballast	
Point Lobos	8	8	Amer.	Swayne & Hoyt	Beaumont, Tex.	Seattle, Wash.	General	4,040
Vito [2]	7	8	Nor.	Kawasaki K. Kaisha.	S.BocaGr'de, Fla.	Yokohama, Japan	Phosphate	6,800
Loosdrecht [1] [2]	8	8	Neth.	Shell Oil of Calif.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	
Rhexenor	8	8	Brit.	Alfred Holt & Co.	New York, N. Y.	Hongkong, China	General	5,385
Beatus	8	8	Brit.	Andrew Weir & Co.	Cardiff, England.	Papeete, Soc. Is.	Coal	3,998
Rio de Janeiro Maru. [2]	8	9	Jap.	Osaka Shosen Kaisha.	BuenosAires, Arg.	Kobe, Japan	Cotton, gen.	3,642
Anhalt	8	8	Ger.	North German Lloyd.	Tampico, Mexico	Auckland, N. Z.	Asphalt, gen.	8,093
Laila	8	9	Dan.	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	2,083
Sona [2]	7	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Frank [3]	8	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[15]		25
S-43 [7]	1	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Lochgoil [2]	8	10	Brit.	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B. C.	General	3,237
Canadian Cruiser.	9	10	Brit.	Mont.-Aust.-N.Z.Line	Montreal, Canada	Adelaide, Aust'lia	Gen., newsp't	4,487
Timber Rush	9	9	Amer.	Shepard S. S. Line	Boston, Mass.	Tacoma, Wash.	General	3,376
Pontypridd	9	9	Brit.	Andrew Weir & Co.	Baltimore, Md.	Yokohama, Japan	(17)	4,057
Clydebank [2]	9	9	Brit.	Bank-Gulf Aust. Lines	Tampico, Mexico	Adelaide, Aust'lia	(18)	7,317
Andrea F. Luckenbach.	9	9	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	1,846
Winslow [5]	7	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Miramar [5]			Pan.	C. J. Samuels	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Flying Cloud [14]			Amer.	F. W. Hoorn	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
President Garfield.	10	10	Amer.	Dollar Line	Colombo, Ceylon	Round the world	General	2,627
Santa Lucia	9	10	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	2,852
Pollack [7]	7	10	Amer.	U. S. Navy	Portsmouth, N.H.	San Diego, Calif.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [8] Transport. [13] Aircraft carrier. [14] Sailboat. [15] For bananas and return to Cristobal. [16] Drummed asphalt. [17] Steel, copper, oils. [18] Oil products, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Permit [7]	7	10	Amer.	U. S. Navy	Portsmouth,N.H.	San Diego, Calif.	Ballast	.....
Leo Dawson	9	10	Brit.	Chile Nit. Sales Corp.	Sette, France	Chile	Ballast	.....
District of Columbia. [1]	9	10	Amer.	Standard Oil of Calif.	Philadelphia, Pa.	S. Francisco, Cal.	Ballast	.....
Falsterbo [2]	10	10	Swed.	Anglo-Can. S. S. Co.	Antwerp,Belgium	Vancouver, B. C.	General	2,434
Steel Seafarer	10	10	Amer.	Isthmian S. S. Lines.	New York, N. Y.	Dairen, China	(13)	8,357
Mexican	10	10	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,550
Arundo	10	10	Neth.	Chile Nit. Sales Corp.	Rotterdam,Neth.	Tocopilla, Chile.	Ballast	.....
Chilore	10	10	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Santa Paula	10	11	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	General	2,290
William B. Alexander. [4]	10	10	Amer.	United Fruit Co.	New Orleans, La.	Puntarenas, C. R.	Ballast	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Eidsvold [2]	11	12	Nor.	Kawasaki K. Kaisha.	Kobe, Japan	New York, N. Y.	General	6,862
Hawaiian	11	11	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,507
Trelissick	11	12	Brit.	Anglo-Can. S. S. Co.	Victoria, B. C.	London, England	(15)	7,570
Elisabeth Bakke [2]	11	11	Nor.	Knutsen Line	Vancouver, B. C.	Glasgow, Scot.	Lumber, gen.	6,681
Meton [1]	10	12	Amer.	Shell Oil Co.	Los Angeles, Cal.	Curacao, N. W. I.	Ballast	.....
Canada [2]	11	12	Swed.	Johnson Line	Portland, Oreg.	Goth'burg, Swed.	Barley, gen.	7,532
Brasil [2]	11	12	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	Grain, gen.	5,899
Sage Brush	12	12	Amer.	Shepard S. S. Co.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,535
Alabaman	12	12	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	General	9,091
St. Mihiel [8]	11	13	Amer.	U. S. Army	S. Francisco, Cal.	Brooklyn, N. Y.	Army stores.	236
Maranon	10-28	13	Peru	Cia. Peruana, V. D.	Callao, Peru	Iquitos, Peru	General	1,148
Lena Luckenbach.	12	13	Amer.	Luckenbach-Gulf Co.	Portland, Oreg.	Mobile, Ala.	Gen., lumber	6,327
Nuevo Panama [2]	13	14	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	95
King Lud [2]	13	13	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Hull, England	Lumber,gen.	8,426
Csikos	13	13	Hung.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Gibraltar [14]	Nit. of soda.	7,185
Vermar	13	13	Amer.	Calmar S. S. Corp.	Aberdeen, Wash.	New York, N. Y.	Lumber	7,500
Arica	13	14	Fr.	French Line	Valparaiso, Chile.	Havre, France	Copper, gen.	8,203
Emergency Aid	13	13	Amer.	McCormick S. S. Co.	Pt.Town'd,Wash.	Norfolk, Va.	Gen., lumber	6,541
Cali	13	17	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	698
Ino [2]	13	14	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	(16)	241
Porto Bello [2]	13	16	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(17)	9
Gregalia	13	14	Brit.	Donaldson Bros.	Vancouver, B. C.	Glasgow, Scot.	General	6,278
El Ciervo [1]	13	14	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru	Antwerp,Belgium	Crude oil	7,860
Helen Whittier	13	14	Amer.	Matson S. S. Co.	Honolulu, T. H.	Baltimore, Md.	(18)	8,000
Naruto Maru [2]	14	14	Jap.	Nippon Yusen Kaisha	Keelung, Japan.	New York, N. Y.	General	3,889
Utahan	13	14	Amer.	Amer.-Hawaiian Line.	S. Francisco, Cal.	Bridgeport,Conn.	Lumber, gen.	8,202
Boris	14	14	Greek.	Seaboard Shipping Co.	N.Westm'er,B.C.	Swansea, Eng.	Lum., wheat	6,910
Basilea [1] [2]	14	14	Nor.	Standard Oil of N. J.	Talara, Peru	S'ampton, Eng.	Crude oil	13,567
Trois Ilets	9	15	Fr.	French Line	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Taranger [2]	14	14	Nor.	Interocean S. S. Corp.	Seattle, Wash.	Rotterdam,Neth.	Grain, gen.	7,120
Seattle [2]	15	15	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	7,339
CarolineMaersk [1] [2]	14	15	Dan.	Belgium Refining Co.	Pt.SanLuis,Calif.	Antwerp,Belgium	Crude oil	12,401
Admiral Laws	14	15	Amer.	Bulk Carriers Corp.	Stockton, Calif.	Hull, England	Wheat	4,395
Admiral Senn	15	15	Amer.	Continental Grain Co.	Longview, Wash.	Cobh, Ireland [14]	Wheat	4,465
Santa Rita [2]	15	15	Amer.	Grace Line	Ant'fagasta,Chile	New York, N. Y.	Copper, gen.	3,522
Sutherland	15	16	Amer.	Anglo-Can. S. S. Co.	N.Westm'er,B.C.	Grangem'th,Scot.	Lum., lead.	6,200
Pennsylvania	15	16	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	7,599
Steelore	16	16	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,000
Mayan	16	22	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	120
Nordnes [2]	16	16	Nor.	Canadian-Gulf Line.	Powell Riv., B. C.	Houston, Tex.	(19)	6,983
Chateau Thierry [8]	13	17	Amer.	U. S. Army	Balboa, C. Z.	New York, N. Y.	Army stores.	19
Point Arena	15	16	Amer.	Gulf-Pacific Line.	Tacoma, Wash.	PanamaCity,Fla.	Lumber, gen.	4,492
Pacific	16	16	Amer.	WeyerhaeuserTim.Co.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,503
American	16	16	Amer.	Amer.-Hawaiian Line.	S. Francisco, Cal.	Boston, Mass.	General	7,339
Katrine Maersk [1] [2]	16	16	Dan.	Shell Oil Co.	Los Angeles, Cal.	Curacao, N. W. I.	Fuel oil	8,371
San Jose	16	17	Fr.	French Line	Vancouver, B. C.	Havre, France	General	6,629
Steel Exporter	16	16	Amer.	Isthmian S. S. Lines.	S. Francisco, Cal.	Liverpool, Eng.	(20)	5,702
Tuira [2]	16	17	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	53
Sona [2]	16	17	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Maine	16	16	Amer.	Calif.-Eastern Line.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	6,387
Real [2]	16	17	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Vito [2]	16	18	Nor.	Kawasaki K. Kaisha.	Kobe, Japan	Houston, Tex.	General	2,830
Getsuyo Maru [2]	16	17	Jap.	Mitsui Bussan Kaisha	Dairen, China	Karlshamn,Swed.	Soy beans	9,297
Lochkatrine [2]	16	17	Brit.	Royal Mail Lines	Victoria, B. C.	Liverpool, Eng.	Fruit, gen.	9,618
J. L. Luckenbach	17	17	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	9,545
L. A. Christensen [2]	17	17	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Norfolk, Va.	(21)	7,605
Sysla [1] [2]	17	17	Nor.	Eagle Oil Co.	Los Angeles, Cal.	Lands End [14]	Gasoline	9,131
Berganger [2]	17	17	Nor.	Interocean S. S. Co.	Vancouver, B. C.	Rotterdam,Neth.	Grain, gen.	9,268
Hokkai Maru [2]	17	18	Japan.	Osaka Shosen Kaisha.	Iloilo, P. I.	Baltimore, Md.	Sugar, gen.	7,047
Nollington Court.	17	18	Brit.	Canadian Transp. Co.	Seattle, Wash.	Liverpool, Eng.	Wheat, lum.	8,000
St. Cuthbert [2]	14	18	Brit.	Marion Transp. Co.	Corinto, Nic.	Cristobal, C. Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [4] Tug. [7] Submarine. [8] Transport. [13] Steel rails, automobiles. [14] For orders. [15] Lumber, pulp, lead. [16] Coffee, skins, bottles. [17] Lumber, plantains. [18] Canned pineapples, general. [19] Newsprint, shingles. [20] Canned goods, general. [21] Nitrate, sulphate, iodine.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Awabasan Maru [2]	17	18	Jap...	Mitsui Bussan Kaisha	Manila, P. I....	New York, N. Y.	General.....	4,231
Amasis.....	17	18	Ger...	Hamburg-Amer. Line.	Corral, Chile....	Hamburg, Ger...	General.....	8,530
Istmo.....	18	21	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee, gen..	660
Franz Klasen [1] [2].	19	19	Pan...	W. Tankschiff Rhed'i.	Talara, Peru....	Hamburg, Ger...	Gasoline....	16,970
Remuera.....	18	19	Brit...	N. Z. Shipping Co....	Wellington, N. Z.	London, England	Frozen, gen.	5,464
City of Elwood [2].	19	19	Amer..	Roosevelt S. S. Co...	Whyalla, Aus'lia.	Baltimore, Md...	General.....	5,838
Texas Sun [1] [2]....	19	19	Amer..	Sun Oil Co.....	Los Angeles, Cal.	Chester Pa.....	Gasoline....	14,599
Helga.....	19	19	Dan...	J. Lauritzen.....	Chicama, Peru...	New York, N. Y.	General.....	2,790
Nuevo Panama [2].	19	21	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	212
Wildwood.....	19	19	Amer..	Amer.-For. S. S. Corp.	Tacoma, Wash..	New York, N. Y.	Lumber.....	6,765
San Vincente.....	19	19	Amer..	Quaker Line.....	Portland, Oreg...	Philadelphia, Pa.	Lumber, gen.	6,724
Lucerie.....	19	19	Brit...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Azores [14].....	Bulk nitrate.	10,164
Manizales.....	19	22	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z..	Coffee, gen..	900
Paula.....	19	19	Dan...	J. Lauritzen.....	Valparaiso, Chile.	New York, N. Y.	Copper ore..	2,400
Marore.....	20	20	Amer..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	21,800
Taylor, No. 94 [9]..	20	...	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Clio [2].....	20	21	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z..	Coffee, gen..	565
Torvanger.....	20	20	Nor...	Chile Nit. Sales Corp.	Antof'gasta, Chile	Azores [14].....	Nitrate.....	10,030
Texan.....	20	20	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Boston, Mass....	Lumber, gen.	10,100
Porto Bello [2].....	20	20	Pan...	A. Tagaropulos.....	Darien, R. P....	Colon, R. P.....	([15])	9
Adula [1] [2].....	20	20	Brit...	Asiatic Petroleum Co.	Los Angeles, Cal.	Curacao, N. W. I.	Gasoline....	11,862
Acacia [13].....	20	22	Amer..	U. S. Government...	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Tuira [2].....	20	21	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	55
Sambu [2].....	19	21	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	15
Edward Luckenbach.	21	21	Amer..	Luckenbach Line....	Tacoma, Wash..	Philadelphia, Pa.	General.....	4,589
Huntress.....	21	21	Brit...	Chile Nit. Sales Corp.	Iquique, Chile...	Alexandria, Egypt	Nitrate.....	8,525
Panachrandos.....	21	21	Greek.	Goulandris Bros. Lond.	Vancouver, B. C.	Hull, England...	Wheat, lum.	7,400
Carolinian.....	21	21	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	N. London, Conn.	Lumber, gen.	7,061
Uffington Court..	21	22	Brit...	Chile Nit. Sales Corp.	Iquique, Chile...	Azores [14].....	Nitrate.....	8,625
Erria [2].....	22	22	Dan...	E. K. Nielsen.....	Vancouver, B. C.	Copenhagen, Den.	General.....	7,228
Orbita.....	22	22	Brit...	Pacific Steam Nav. Co.	Talcahuano, Chile	Liverpool, Eng..	General.....	8,404
Bodegraven.....	21	22	Neth..	Royal Neth. S. S. Co.	Corral, Chile ...	Hamburg, Ger...	General.....	8,432
District of Columbia. [1]	21	22	Amer..	Standard Oil of Calif.	S. Francisco, Cal.	New York, N. Y.	Fuel oil.....	9,700
Jacob Luckenbach	21	22	Amer..	Luckenbach Line....	Portland, Oreg...	Mobile, Ala.....	General.....	5,169
Point Salinas.....	22	23	Amer..	Dingwall Cotts & Co.	Vancouver, B. C.	London, England	Lum., wheat	6,500
Trois Ilets.....	22	27	Fr....	French Line.....	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	240
Salvador.....	22	1	Brit...	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z..	Coffee, gen..	314
Rhakotis.....	22	23	Ger...	Hamburg-Amer. Line.	Talcahuano, Chile	Hamburg, Ger...	General.....	7,682
Nereus.....	22	22	Greek.	Chile Nit. Sales Corp.	Tocopilla Chile..	Azores [14].....	Nitrate.....	8,945
Santa Paula.....	22	23	Amer..	Grace Line.....	S. Francisco, Cal.	New York, N. Y.	General.....	4,076
Chilore.....	23	23	Amer..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	21,600
Infanta [2] [6].....	22	23	Amer..	Edgar P. Lawson....	Los Angeles, Cal.	Miami, Fla.....	Ballast.....	.....
Santa Lucia.....	22	23	Amer..	Grace Line.....	San Antonio, Chile	New York, N. Y.	General.....	5,190
Kentuckian.....	23	23	Amer..	Amer.-Hawaiian Line.	Astoria, Oreg....	Boston, Mass....	General.....	5,950
Pacific Reliance [2].	23	23	Brit...	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot...	General.....	7,864
Osnabruck [2].....	23	24	Ger...	North German Lloyd.	Corral, Chile...	Hamburg, Ger...	General.....	5,909
Nansenville [2]....	23	23	Neth..	Fred Olsen & Co.....	Vancouver, B. C.	Oslo, Norway...	General.....	7,390
Maine.....	23	24	Amer..	Isthmian S. S. Lines..	Honolulu, T. H..	New York, N. Y.	Sugar, gen..	7,302
Jane Christenson.	23	23	Amer..	Arrow Line.....	Seattle, Wash...	Baltimore, Md...	Lumber....	7,390
British Columbia Express. [2]	23	23	Nor...	Fruit Express Line...	Seattle, Wash...	Glasgow, Scot...	Fresh fruit..	2,490
Sona [2].....	23	24	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	28
Real [2].....	23	24	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	32
La Union [2].....	23	24	Pan...	Antonio Valdes.....	Bayano, R. P....	Cristobal, C. Z..	Bananas....	40
Point Caleta.....	23	24	Amer..	Swayne & Hoyt.....	Seattle, Wash...	Tampa, Fla.....	Lumber, gen.	6,791
Filleigh.....	23	24	Brit...	Anglo-Can. S. S. Co..	Vancouver, B. C.	London, England	Wheat, lum.	8,384
Svolder [1] [2].....	23	24	Nor...	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End [14]....	([16])	8,999
Nebraskan.....	23	24	Amer..	Amer.-Hawaiian Line.	Seattle, Wash....	Boston, Mass....	General.....	7,378
Robert Luckenbach.	24	24	Amer..	Luckenbach Line....	Seattle, Wash...	Boston, Mass....	General.....	3,742
King Idwal.....	24	24	Brit...	Canadian Transp. Co.	Brit. Colom. ports	London, England	([17])	7,549
Siantar [2].....	24	24	Neth..	S. & J. Thompson, Ltd.	Calcutta, India.	New Orleans, La.	General.....	7,506
Albion Star.....	24	24	Brit...	Blue Star Line.....	N. Westm'er, B. C.	Newcastle, Eng..	Fruit, gen...	7,663
Angol.....	24	24	Chile..	Chile-N. Amer. Line..	Callao, Peru....	New York, N. Y.	Copper ore..	6,127
Lebore.....	25	25	Amer..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	21,300
African Reefer [2]..	24	25	Dan...	J. Lauritzen.....	S. Francisco, Cal.	Haifa, Palestine..	Fruit, gen...	1,521
Absaroka.....	24	25	Amer..	McCormick S. S. Co..	Los Angeles, Cal.	Baltimore, Md...	Lumber, gen.	7,000
Chloe.....	25	25	Greek.	Chile Nit. Sales Corp.	Iquique, Chile...	Azores [14].....	Nit. of soda.	8,350
Fella [2].....	25	26	Ital...	Italia.....	Vancouver, B. C.	Trieste, Italy....	General.....	8,389
Wind Rush.....	25	26	Amer..	Continental Grain Co.	Seattle, Wash...	Hull, England...	Grain.....	7,820
Real [2].....	24	26	Pan...	Elliot Ship. & Land Co.	Panama R. P....	Cristobal, C. Z..	Drums.....	12
Borgestad [2].....	26	26	Nor...	Anglo-Can. S. S. Co..	Pt. Alberni, B. C.	Hull, England...	Lum., wheat	6,219
Ino [2].....	26	27	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z..	Coffee, gen..	548
Moveria [2].....	26	26	Brit...	Donaldson Line.....	Vancouver, B. C.	Glasgow, Scot...	General.....	5,017
Tainui.....	26	27	Brit...	Shaw, Savill & Albion	New Zealand....	London, England	Frozen, gen.	4,553
Tai Ping [2].....	25	27	Nor...	Barber-Wilhelmsen...	Kobe, Japan....	Philadelphia, Pa.	General.....	8,135

[1] Tanker. [2] Motor ship. [6] Yacht. [9] Destroyer. [13] Lighthouse tender. [14] For orders. [15] Plaintains, lumber. [16] Gasoline, kerosene. [17] Wheat, lumber, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Arima Maru [2]	26	26	Jap.	Nippon Yusen Kaisha	Kushiro, Japan	Hamburg, Ger.	General	5,925
Istmo	26	28	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	655
Havbor [1] [2]	26	26	Nor.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, N. W. I.	Gas oil	11,194
Henning Maersk [1]	2 26	26	Dan.	Pechelbronn	La Libertad, Ecua.	Donges, France	Crude oil	13,993
Durazzo	26	29	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	946
Baru [2]	27	28	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	98
San Marcos	27	27	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,545
Kunikawa Maru [2]	27	28	Jap.	Kawasaki Kabushiki.	Japanese ports	New York, N. Y.	General	4,971
Honolulan	27	27	Amer.	Chile Nit. Sales Corp.	Tocopilla, Chile	Savannah, Ga.	Nit. of soda	10,500
Este	27	28	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	9,246
Porto Bello [2]	27	27	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(15)	22
Tuira [2]	27	28	Pan.	Julio Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	45
Chiriqui	27	29	Amer.	United Fruit Co.	S. Francisco, Cal.	New York, N. Y.	General	232
California Express. [2]	28	28	Nor.	Fruit Express Line	N.Westm'er, B.C.	Glasgow, Scot.	Fresh fruit	1,828
Loosdrecht [1] [2]	28	28	Neth.	Shell Oil of Calif.	Los Angeles, Cal.	Curacao, N. W. I.	Gas oil	14,718
Montanan	28	28	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,223
Dagmar Salen [2]	28	28	Swed.	Seaboard Ship. Co.	Portland, Oreg.	Birkenhead, Eng.	Wheat	8,415
Svealand [2]	28	29	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,600
Adellen [1] [2]	28	1	Brit.	Union Oil Co.	Los Angeles, Cal.	Cristobal, C. Z.	Diesel oil	11,643
Stensby [2]	29	29	Dan.	Anglo-Can. S. S. Co.	Victoria, B. C.	Grangem'th, Scot.	Lumber	6,200
Virginia	29	30	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	Fruit, gen.	5,338
Neches [1]	28	2	Amer.	U. S. Navy	San Diego, Calif.	Coco Solo, Z.	(16)	4,520
Forbes Hauptman	30	30	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	8,652
Nuevo Panama [2]	30	1	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	96
Lahaina	30	30	Amer.	Matson Nav. Co.	Port Allen, T. H.	Philadelphia, Pa.	Sugar	7,466
Santa Maria [2]	30	30	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	General	4,133
Lieut. Col. H. C. Schumm. [4]	30	1	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.		
Sona [2]	30	1	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	26
Real [2]	30	1	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	25
Olymp [2]	30	1	Pan.	Chile Nit. Sales Corp.	Tocopilla, Chile	New Orleans, La.	Nitrate	6,589
Pereira	30	6	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	292
S-43 [7]	1	9	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Dinteldijk [2]	1	1	Neth.	Holland-Amer. Line.	Victoria, B. C.	Rotterdam, Neth.	(17)	9,730
Langley [13]	1	6	Amer.	U. S. Navy	San Diego, Calif.	Cristobal, C. Z.		
Lillian Luckenbach.	1	1	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,912
Jeff Davis [2]	29	5	Amer.	Amer. Pioneer Line	Iloilo, P. I.	New York, N. Y.	(18)	7,777
John Knudsen [1] [2]	1	1	Nor.	Knut Knudsen	S.LuisOpisbo, Cal.	Pt. de Bouc. Fr.	Crude oil	13,469
Admiral Noulton.	1	2	Amer.	Continental Grain Co.	Portland, Oreg.	Cobh, Ireland [14]	Wheat	4,500
Nitro	29	4	Amer.	U. S. Navy	Puget Sd., Wash.	Norfolk, Va.	Navy stores.	1,158
Belita [1] [2]	1	2	Nor.	Hans Kristoffersen	Corinto, Nic.	Houston, Tex.	Ballast	
W. R. Keever	1	2	Amer.	Dutton Lumber Corp.	Tacoma, Wash.	New York, N. Y.	Lumber	7,350
Kirishima Maru [2]	1	2	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	General	3,341
Mount Helikon	2	2	Greek.	Cia. Salitrera Anglo Chilean.	Tocopilla, Chile	Alexandria, Egypt	Nitrate	8,150
Tennessean	2	2	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	General	9,084
Golden Cloud	2	2	Amer.	Matson Nav. Co.	Naviliwili, T. H.	Baltimore, Md.	Sugar, gen.	6,989
Canadian Constructor.	2	4	Brit.	M. A. N. Z. Line	Whyalla, Aust'lia	Halifax, N. S.	General	5,568
Amerikaland [2]	2	3	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,600
Hegira	3	3	Amer.	Weyerhaeuser S. S. Co.	S. Francisco, Cal.	Newark, N. J.	Lumber, gen.	10,500
Orduna	3	3	Brit.	Pacific Steam Nav. Co.	Talcahuano, Chile	Liverpool, Eng.	General	7,618
Trois Ilets	3	5	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	285
Clio [2]	3	5	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(19)	408
Bennekom	3	3	Neth.	Messrs. Melville	Vancouver, B. C.	London, England	Tim., wheat.	8,048
Indiana	3	4	Fr.	French Line	Valparaiso, Chile.	Havre, France	Cotton, gen.	8,513
Cerigo	3	6	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	(20)	1,127
Washington [2]	3	4	Fr.	French Line	Vancouver, B. C.	Antwerp, Belgium	Frozen, gen.	9,121
Istmo	3	6	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	644
Nero [2]	3	5	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Ballast	
President de Vogue. [1] [2]	3	4	Nor.	Cia. Des Prod. Chim. et Raffineries.	Talara, Peru	Pt. de Bouc, Fr.	Crude oil	13,668
Karamea	30	4	Brit.	Shaw, Savill & Albion	New Zealand	London, England	Frozen, gen.	6,260
Camden [1]	3	4	Amer.	Shell Oil Co.	Los Angeles, Cal.	Sewaren, N. J.	Gasoline	8,542
Kimikawa Maru [2]	4	5	Jap.	Kawasaki K. Kaisha.	Manila, P. I.	Baltimore, Md.	Silk, gen.	9,260
Oakmar	4	4	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Baltimore, Md.	Lum., metal.	6,551
Lancaster Castle.	4	4	Brit.	Chile Nit. Sales Corp.	Ant'fagasta, Chile	Azores [14]	Nitrate	8,560
Sambu [2]	4	...	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	13
Real [2]	4	5	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	31
Tuira [2]	4	5	Pan.	Julio Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	53
Maria Cristina [2]	4	4	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	Plantains	8
Talamanca	4	6	Amer.	United Fruit Co.	S. Francisco, Cal.	New York, N. Y.	General	238
Montrolite [1] [2]	5	5	Brit.	Imperial Oil Co.	Talara, Peru	Halifax, N. S.	Crude oil	15,398
Cadillac [1]	4	5	Brit.	Anglo-Amer. Oil Co.	El Segundo, Calif.	London, England	Gasoline	15,103
Lobos [2]	5	6	Brit.	Pacific Steam Nav. Co.	Corral, Chile	Hull, England	General	8,549

[1] Tanker. [2] Motor ship. [4] Tug. [7] Submarine. [13] Plane carrier. [14] For orders. [15] Plantains, lumber. [16] Gasoline, fuel and Diesel oil. [17] General, wheat, barley. [18] Sugar, hemp, general. [19] Coffee, hides, wood. [20] Coffee, cocoa, wood.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Mount Parnes	5	6	Greek	Canadian Transp. Co.	Vancouver, B. C.	Haifa, Palestine	Creos. ties	6,400
Minerva [2]	5	5	Nor	Chile Nit. Sales Corp.	Iquique, Chile	Charleston, S. C.	Nit. of soda	9,400
Kwanto Maru [2]	5	6	Jap	Osaka Shosen Kaisha	Dairen, China	Baltimore, Md.	General	2,755
Mount Olympus	5	5	Greek	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nit. of soda	8,800
Tsuyama Maru	5	6	Jap	Nippon Yusen Kaisha	Manila, P. I.	Houston, Tex.	General	6,166
Dresden [2]	5	6	Ger	North German Lloyd	Corral, Chile	Bremen, Germany	General	6,779
Kashii Maru [2]	6	6	Jap	Kawasaki Kisen K.	Kushiro, Japan	Hamburg, Ger.	Lumber, gen.	6,230
Planet	6	6	Ger	Hamburg-Amer. Line	Corral, Chile	Antwerp, Belgium	General	8,087
Santa Inez [2]	5	6	Amer.	Grace Line	Antof'gasta, Chile	New York, N. Y.	General	2,614
Anniston City	6	6	Amer.	Isthmian S. S. Lines	Los Angeles, Cal.	Baltimore, Md.	Lumber, gen.	8,394
Point Estero	6	6	Amer.	Swayne & Hoyt	Los Angeles, Cal.	New Orleans, La.	Lumber, gen.	5,376
Willmoto [2]	6	6	Amer.	Amer.-Hawaiian Line	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	7,530
Winslow [5]	6	9	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Jefferson Myers	7	7	Amer.	Quaker Line	Portland, Oreg.	London, England	(14)	9,635
Baru [2]	7	8	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	91
Rangitiki [2]	6	7	Brit.	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	6,718
Ludington [8]	6	8	Amer.	U. S. Army	Honolulu, T. H.	Brooklyn, N. Y.	Army stores	4,664
Peter Maersk [2]	7	8	Dan.	Maersk Line	Manila, P. I.	New York, N. Y.	General	6,238
Acajutla	7	14	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	General	309
Santa Elena	7	8	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	3,722
Sessa	7	7	Dan.	Wessel, Duval & Co.	Valparaiso, Chile	New York, N. Y.	General	2,729
Frank [2]	7	8	Pan.	E. J. Hooper	Darien, R. P.	Cristobal, C. Z.	Bananas	27
Sona [2]	7	8	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	27
Edwin Christenson.	7	8	Amer.	Bulk Carriers Corp.	Portland, Oreg.	Baltimore, Md.	Wheat	8,741
Strix [1] [2]	8	8	Nor.	Shell Oil Co.	Los Angeles, Cal.	Curacao, N. W. I.	(15)	9,388
Nevadan	8	8	Amer.	Amer.-Hawaiian Line	Seattle, Wash.	Boston, Mass.	General	8,866
Vermont	8	8	Amer.	California-East. Line	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,537
Nyhorn [2]	8	8	Nor.	Scand.-S. Pac. Line	Valparaiso, Chile	Antwerp, Belgium	Copper, gen.	7,233
Tomislav	8	9	J-Slav.	Chile Nit. Sales Corp.	Taltal, Chile	Azores [13]	Nit. of soda	8,117
Adellen [1] [2]	8	9	Brit.	B. L. Shipping Co.	Cabo Bl'co, Peru	Donges, France	Crude oil	11,379
Helder	8	9	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	5,560
Horace Luckenbach.	9	9	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Gen., lumber	7,980
El Oso [1]	9	10	Brit.	C. T. Bowring & Co.	LaLibertad, Ecua.	Ellesmere, Eng.	(16)	10,001
Ville De Strasbourg.	10	11	Fr.	Messageries Maritimes	Noumea, N. Caled	Marseilles, France	General	4,900
San Rafael	9	10	Amer.	States S. S. Co.	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,778
Katendrecht [1] [2]	9	10	Neth.	Shell Oil Co.	Los Angeles, Cal.	Curacao, N. W. I.	Gas oil	7,378
Firmore	9	10	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,850
Kansan	10	10	Amer.	Amer.-Hawaiian Line	Seattle, Wash.	Boston, Mass.	General	6,890
Nagara-Maru [2]	10	11	Jap.	Nippon Yusen Kaisha	Keelung, Japan	New York, N. Y.	Rice, general	2,994
Elin K [2]	10	10	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Savannah, Ga.	Nitrate	8,320
Trois Ilets	10	...	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	282
Ino [2]	10	11	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	363
Manizales	10	14	Ger.	North German Lloyd	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,029

[1] Tanker. [2] Motor ship. [5] Launch. [8] Transport. [13] For orders. [14] Lumber, pulp, grain. [15] Gasoline, kerosene. [16] Bulk oil, grades A and C.

Comparison of Traffic at the Suez and Panama Canals for the First Ten Months of the Calendar Years 1936 and 1937

The following is a comparison of traffic at the Suez and Panama Canals for the first ten months of the calendar years 1936 and 1937:

Month	Suez Canal				Panama Canal			
	Number of transits		Percent		Number of transits		Percent	
	1936	1937	Increase	Decrease	1936	1937	Increase	Decrease
January	533	575	7.9	.....	472	399	.....	15.5
February	471	524	11.3	.....	452	377	.....	16.6
March	548	580	5.8	.....	526	536	1.9	.....
April	490	621	26.7	.....	482	473	.....	1.9
May	484	567	17.2	.....	488	544	11.5	.....
June	426	540	26.8	.....	481	472	.....	1.9
July	466	551	18.2	.....	456	457	0.2	.....
August	471	531	12.7	.....	473	505	6.8	.....
September	479	522	9.0	.....	466	444	.....	4.7
October	490	557	13.7	.....	482	461	.....	4.4
Total	4,858	5,568	14.6	.....	4,778	4,668	.....	2.3

THE PANAMA CANAL RECORD

OFFICIAL PUBLICATION OF THE PANAMA CANAL

PUBLISHED MONTHLY

Subscription rates, domestic, $0.50 per year; foreign, $1.00; address The Panama Canal Record, Balboa Heights, Canal Zone, or, for United States and foreign distribution, The Panama Canal, Washington, D. C.

Entered as second-class matter February 6, 1918, at the Post Office at Cristobal, C. Z., under the Act of March 3, 1879.

Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Volume XXXI Balboa Heights, C. Z., January 15, 1938 No. 6

Traffic Through the Panama Canal in December 1937

The total vessels of all kinds transiting the Panama Canal during the month of December 1937, and for the same month in the two preceding years, are shown in the following tabulation:

	December 1935	December 1936	December 1937		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	459	341	233	206	439
Small commercial vessels [1]	55	89	50	29	79
Noncommercial vessels:					
United States Government	21	49	26	17	43
Colombian Government	2	.....	.....	.....	.....
For repairs	2	1	1	1	2
Total	539	480	310	253	563

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the calendar year ended December 31, 1937, as compared with the calendar year 1936:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1936	1937	1936	1937	1936	1937	1936	1937
January	472	399	2,411,073	1,915,787	2,148,935	1,855,937	$2,018,543.52	$1,598,323.51
February	452	377	2,322,013	1,940,611	2,155,031	1,839,788	1,952,682.73	1,602,306.30
March	526	536	2,714,768	2,770,451	2,634,150	3,016,418	2,293,874.51	2,355,149.04
April	482	473	2,483,561	2,460,549	2,430,134	2,652,880	2,079,730.70	2,067,026.68
May	488	544	2,504,215	2,839,127	2,419,652	2,950,925	2,081,103.73	2,376,706.36
June	481	472	2,449,127	2,450,018	2,459,752	2,670,466	2,073,359.39	2,070,337.89
July	456	457	2,364,539	2,395,306	2,450,324	2,476,366	1,999,105.18	2,029,642.45
August	473	505	2,398,306	2,597,119	2,396,331	2,780,603	2,051,540.28	2,195,308.87
September	466	444	2,428,317	2,312,725	2,526,366	2,385,142	2,045,440.82	1,935,673.78
October	482	461	2,499,678	2,359,406	2,463,069	2,438,788	2,081,758.23	1,981,087.87
November	368	435	1,768,738	2,280,565	1,747,368	2,185,283	1,488,054.25	1,893,462.00
December	341	439	1,655,501	2,238,271	1,538,503	2,046,170	1,366,388.58	1,845,048.20
Total	5,487	5,542	27,999,836	28,559,935	27,369,615	29,298,766	23,531,581.92	23,950,072.95

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons measurement (Panama Canal net), which transited the Panama Canal during the month of December 1937. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	50	2,372	$2,332.38	1,096
Pacific to Atlantic	29	1,606	1,873.75	1,865
Total	79	3,978	4,206.13	2,961
Total for calendar year 1937	927	53,255	52,472.44	35,448

Traffic by Nationality of Vessels[3] for December 1937

Nationality	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
British	107	607,494	$517,175.80	495,071
Danish	16	56,504	41,746.25	54,891
French	12	65,280	53,842.17	67,907
German	24	99,307	81,125.00	117,482
Greek	5	24,161	19,791.46	23,350
Italian	3	22,241	16,852.50	10,531
Japanese	21	130,314	113,526.25	107,930
Netherlands	30	87,753	71,283.70	94,662
Norwegian	50	254,156	195,217.76	254,288
Panamanian	12	9,172	6,945.00	12,599
Swedish	7	33,607	25,358.99	36,876
United States	150	842,096	696,030.82	759,676
Union of Soviet Socialist Republics	1	1,997	2,078.75	2,790
Yugoslav	1	4,189	4,073.75	8,117
Total	439	2,238,271	1,845,048.20	2,046,170

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Trade Routes, December 1937

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	53	303,249	174,377	40	244,228	273,147
East coast United States and:						
Canada	2	10,047	.....	1	6,011	10,274
Central America	.....	.....	.....	1	4,479	.....
South America	27	121,027	25,374	22	99,884	204,827
Hawaiian Islands	3	15,290	12,888	3	15,211	21,531
Australasia	6	38,575	35,616	1	5,267	5,952
Philippine Islands	9	58,027	45,270	9	55,047	60,422
Far East	15	81,617	89,470	6	36,962	29,483
Canadian intercoastal	3	13,835	20,555	.....	.....	.....
East coast Canada and:						
South America	1	4,491	.....	4	18,596	36,130
Australasia	4	24,786	19,367	2	9,707	9,032
Far East	1	6,588	7,775	.....	.....	.....
South American intercoastal	1	4,455	3,958	.....	.....	.....
East coast South America and:						
United States	.....	.....	.....	1	5,086	5,506
Canada	2	8,482	6,724	.....	.....	.....
Far East	2	13,427	5,109	2	10,081	6,820
East coast Central America and Australasia	4	19,399	31,860	.....	.....	.....
Cristobal and:						
Central America	5	4,462	4,877	5	4,455	2,006
South America	17	15,451	3,803	17	10,091	9,388
West Indies and:						
United States	1	6,917	.....	6	31,745	43,138
South America	1	6,384	12,069	.....	.....	.....
Balboa	1	8,867	8,973	.....	.....	.....
Europe and:						
United States	12	50,155	.....	7	38,512	64,875
Canada	30	170,230	60,152	35	190,944	257,167
Central America	1	2,609	.....	.....	.....	.....
South America	18	101,603	44,029	29	165,330	241,592
Australasia	8	62,291	53,361	8	68,242	53,046
Far East	1	4,125	3,746	2	11,527	14,130
Egypt and South America	.....	.....	.....	1	4,560	8,150
Asia and:						
United States	1	2,881	.....	1	2,023	1,434
Canada	.....	.....	.....	1	3,672	6,400
Around the world	2	17,650	4,870	1	6,305	7,497
Foreign vessels in ballast (United States intercoastal)	2	12,425	.....	.....	.....	.....
Vessels not engaged in commerce	.....	.....	.....	[4] 1	958	.....
Total	233	1,189,345	674,223	206	1,048,926	1,371,947

[4] Yacht.

Origin and Destination of Cargo by Major Areas, December 1937

The following table summarizes the origin of cargo passing through the Canal in December 1937, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	184,489	11,449	134,360	23,856	42,871	397,025
Other North America	10,055	27,427	3,453	22,382	43,987	107,304
Europe	46,545	12,854	3,746	33,785	55,941	152,871
Miscellaneous	7,650	285	4,893	3,958	237	17,023
Total	248,739	52,015	146,452	83,981	143,036	674,223

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	276,325	50,689	182,616	7,451	517,081
Canada	3,200	1,053	136,503	7,131	147,887
Other North America	21,531	2,076	1,146	110	24,863
South America	203,752	47,287	240,797	8,251	500,087
Australasia	12,529	2,491	53,010	.....	68,030
Asia	91,720	3,527	14,130	4,622	113,999
Total	609,057	107,123	628,202	27,565	1,371,947

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more long tons either during December 1937, or in December 1936, are listed below:

Commodity	December		Commodity	December	
	1936	1937		1936	1937
Atlantic to Pacific			*Pacific to Atlantic*—Continued		
Asphalt and tar	21,224	28,888	Canned goods, various	3,290	58,517
Automobiles and parts	25,290	33,489	Coffee	15,681	10,628
Cotton, raw	53,303	3,084	Cold storage, food products [5]	26,217	36,534
Iron and steel	35,177	132,678	Copra	5,811	12,056
Machinery	11,253	11,619	Cotton, raw	4,607	12,609
Manufactured goods	2,048	19,593	Flour	2,519	20,673
Metals, various	18,536	26,154	Fruit, dried	353	23,922
Oils, mineral	64,881	67,065	Fruit, fresh [6]	19,260	33,665
Ores, various	15,649	9,230	Lumber	134,275	177,857
Paper	41,344	29,755	Metals, various	50,396	67,109
Phosphates	28,587	22,672	Nitrates	87,440	132,536
Scrap metal	29,509	1,006	Oils, mineral	159,567	220,051
Sulphur	20,036	33,414	Oils, vegetable	14,914	15,218
Tinplate	23,516	16,882	Ores	159,470	159,295
Wood pulp	12,660	10,762	Soy beans	15,235	7,900
			Sugar	62,865	81,699
Pacific to Atlantic			Wheat	104,821	96,935
			Wood pulp	1,846	40,836
Barley	684	13,511	Wool	13,928	3,972
Beans, edible, dry	3,776	13,381			

[5] Does not include fresh fruit. [6] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of December 1937, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small

items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	205	6	469
Agricultural implements	1,398	.....	4,300	30
Alfalfa meal	.....	643	54	814
Ammonium compounds	328	.....	6,347	25
Animal foods [7]	32	516	32	516
Apparel, wearing (hats, shoes, clothing, etc.)	62	11	62	15
Asbestos	653	2	1,054	45
Asphalt and tar	97	.....	28,888	462
Automobiles (and autotrucks)	5,879	118	27,703	123
Automobile parts and accessories	481	590	5,786	612
Bags and bagging, textile	20	.....	469	55
Bamboo and products	.....	35	.....	460
Bananas	.....	.....	.....	1,444
Barks, miscellaneous	.....	71	4	397
Barley	.....	20	74	13,511
Beans, edible, dry	81	6,240	81	13,381
Beer	.....	.....	64	.....
Beverages, nonalcoholic	15	37	44	37
Blood and tankage	.....	.....	.....	25
Bones and bone meal	.....	45	719	129
Books and printed matter	5	.....	172	.....
Borax	22	865	410	6,413
Bran and pollards	.....	42	.....	4,635
Bricks and tile	293	.....	1,109	.....
Camphor, crude	.....	.....	.....	34
Canned and preserved goods:				
Fish	425	5,996	706	10,605
Fruit	317	16,485	394	29,784
Meat	5	20	670	142
Milk	.....	762	552	1,635
Soup	1,940	59	1,995	107
Vegetables	796	6,092	857	6,276
Miscellaneous and unclassified	1,650	7,918	3,062	9,968
Carbon black	32	.....	718	.....
Celite	.....	22	.....	42
Cement	788	.....	7,909	.....
Chalk	.....	.....	1,180	.....
Charcoal	50	2	179	2
Chemicals [7]	3,447	1,566	8,905	2,872
Clay, china and fire	595	125	1,097	650
Clay, filtering	488	20	500	20
Coal	2,112	.....	6,520	.....
Cocoa and cacao beans	196	.....	475	1,618
Coconuts and products [7]	97	945	131	1,045
Coffee	5	27	5,886	10,628
Coke	.....	.....	5,428	2
Cold storage and refrigerated products:				
Dairy products	36	50	116	26,394
Eggs	.....	58	.....	170
Fish	8	393	118	1,536
Lard	448	.....	501	7
Meats	12	102	338	8,141
Poultry	23	173	34	173
Vegetables	70	18	74	40
Other and unclassified	67	.....	121	73
Confectionery	1,351	110	1,362	110
Copra	.....	.....	.....	12,056
Corn	446	.....	446	.....
Cotton, raw	21	696	3,084	12,609
Creosote	82	.....	88	.....
Drugs and medicines	1,296	140	1,681	149
Dyes	.....	.....	68	25
Earthenware	68	.....	164	581
Eggs, dried	.....	64	.....	64
Electrical apparatus and appliances	1,120	263	2,366	353
Enamelware and metalware	9	.....	61	415
Explosives	.....	.....	490	.....
Extract, quebracho	.....	.....	728	.....
Fertilizers [7]	66	538	558	557
Fish meal	.....	.....	3	8,016
Floor coverings	1,118	1,175	1,638	1,530
Flour	188	16,494	1,019	20,673
Fruit, dried	10	10,432	144	23,922
Fruit, fresh [7]	.....	2,906	70	33,665
Furniture and household goods	53	28	73	28

[7] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
General	13,448	4,464	51,146	12,059
Glass and glassware	1,377	241	4,143	915
Glue	67	45	71	75
Grains [7]	52	.....	57	.....
Groceries	1,238	361	2,506	1,022
Gums	.....	49	2	340
Hair, all kinds	30	36	156	142
Hay	.....	159	.....	188
Hemp, unmanufactured	38	.....	174	2,796
Honey	.....	202	.....	278
Hops	.....	118	55	127
Horns and hoofs	.....	.....	74	.....
Infusorial earth	.....	669	.....	1,399
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	59,393	569	132,678	827
Ivory nuts	.....	.....	.....	2,306
Jute, unmanufactured	.....	.....	1	.....
Lard substitute	602	.....	602	66
Liquors	3,698	409	5,335	411
Lumber (including manufactured mill products)	1,532	76,572	4,054	177,857
Machinery	1,849	804	11,619	1,103
Malt	.....	.....	684	.....
Manufactured goods [7]	9,073	484	19,593	1,929
Marble and granite	111	.....	356	.....
Matches	128	23	170	59
Metals:				
Antimony	.....	.....	60	.....
Copper	194	2,407	2,608	42,012
Gold and silver	.....	2	.....	217
Iron	83	.....	13,701	.....
Lead	.....	1,580	1,012	14,092
Tin	1,095	82	3,339	2,466
Zinc	38	.....	143	6,726
Other and unclassified	7	135	5,291	1,596
Milk, powdered	.....	1,133	6	1,307
Molasses and syrups	241	93	553	1,236
Nitrate	.....	.....	9,385	132,536
Nuts, edible (including meats)	.....	390	8	424
Oats	131	246	150	3,867
Oils, mineral:				
Crude	.....	.....	20	94,598
Gas and fuel	28	8,967	21,492	44,130
Gasoline, benzine, and naphtha	22	8,542	24,376	60,865
Kerosene	61	14,602	308	19,457
Lubricating and greases	5,540	419	20,807	1,001
Other and unclassified	62	.....	62	.....
Oils, vegetable:				
Coconut	.....	.....	264	11,131
Cottonseed	28	.....	28	.....
Linseed	.....	8	79	8
Olive	.....	.....	387	.....
Peanut	.....	.....	330	.....
Rapeseed	.....	.....	.....	498
Wood	.....	861	.....	1,613
Other and unclassified	198	28	351	1,968
Oil, fish	46	824	69	3,019
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	33	2,574	1,823
Oilseed cake and meal	1,455	1	1,455	8,677
Ores:				
Antimony	.....	.....	.....	1,611
Chrome	.....	1,230	.....	8,750
Copper	400	.....	8,751	5,859
Gold and silver	.....	.....	.....	563
Iron	.....	.....	117	113,952
Lead	.....	.....	.....	7,121
Magnesite	.....	2,120	.....	2,407
Manganese	.....	105	296	10,415
Tin	.....	.....	.....	2,707
Zinc	12	.....	12	3,691
Other and unclassified	8	50	54	2,219
Paints and varnishes	904	112	2,384	145
Paper and paper products [7]	6,708	3,864	29,755	5,406
Peanuts	1,186	.....	1,186	.....
Peas, dry	.....	.....	.....	305
Peatmoss	11	.....	1,157	.....
Phosphates	564	.....	22,672	.....
Plaster	.....	.....	69	.....
Porcelainware	210	107	736	3,186
Potash	.....	3,160	6,977	3,608
Pyrethrum flowers	.....	.....	.....	458

[7] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rags and waste	411	317	846	551
Railroad material	86	.....	6,642	.....
Rice	770	499	818	3,601
Rope and twine	907	3	1,063	142
Rosin	710	35	1,334	35
Rubber:				
Manufactured	1,196	287	1,454	321
Raw	95	.....	117	7,101
Scrap	.....	.....	154	161
Salt	288	298	3,161	298
Sand	.....	.....	6,204	970
Scrap metal	498	100	1,006	760
Seeds (except oilseeds)	23	801	599	1,464
Sewer pipe (concrete and terra cotta)	750	.....	750	.....
Shells, oyster	316	119	316	266
Silk, raw	.....	258	7	1,671
Skins and hides	30	796	1,392	3,782
Slag	.....	.....	265	.....
Slate	1,160	.....	1,160	.....
Soaps and products	1,778	17	2,096	48
Soda and sodium compounds:				
Soda ash	6,424	.....	6,766	620
Soda caustic	157	.....	1,204	.....
Miscellaneous and unclassified	632	.....	1,482	2,721
Soy beans	918	.....	918	7,900
Sugar	18	10,192	417	81,699
Sulphur	20,467	23	33,414	23
Talc	30	62	30	1,009
Tallow	11	238	11	1,703
Tea	12	104	222	2,203
Textiles [8]	3,416	19	7,573	4,683
Tinplate	737	.....	16,882	.....
Tobacco and manufactures	308	39	3,911	224
Toilet preparations	435	.....	471	12
Turpentine	51	.....	125	.....
Vegetables, dry [7]	19	21	36	230
Wall board	146	208	176	1,121
Wax, paraffin	159	.....	1,151	69
Wheat	602	9,327	1,216	96,935
Wines	114	1,087	820	2,932
Wood pulp	18	31,510	10,762	40,836
Wool	128	540	865	3,972
Total, December 1937	184,489	276,325	674,223	1,371,947
Total, December 1936	.....	.....	538,784	999,719
Total, December 1935	178,972	434,592	708,851	1,478,880

[7] Except as otherwise classified. [8] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows, according to trade route, the tanker traffic through the Canal during the month of December 1937:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	5	27,798	.....	3	17,456	32,111
East coast United States and Central America	.....	.....	.....	1	4,479	.....
East coast Canada and South America	.....	.....	.....	4	18,596	36,130
South American intercoastal	1	4,455	3,958	.....	.....	.....
Cristobal and United States	1	5,854	.....	.....	.....	.....
West Indies and:						
United States	1	6,917	.....	4	20,753	42,735
South America	1	6,384	12,069	.....	.....	.....
Balboa	1	8,867	8,973	.....	.....	.....
Europe and:						
United States	2	11,199	.....	2	15,009	28,572
South America	2	10,293	.....	7	40,340	79,502
Total	14	81,767	25,000	21	116,633	219,050

Comparison of Canal Traffic in December 1937, with December Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of December			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1914	[9] 98	342	453	1915	[11] 100	[11] 361	[11] 486
1915	[10] 5	8	12	1916	60	199	258
1916	144	467	540	1917	145	483	588
1917	147	482	563	1918	165	547	627
1918	162	533	630	1919	162	510	576
1919	254	927	924	1920	199	712	781
1920	257	1,027	1,077	1921	232	950	966
1921	234	1,017	952	1922	222	951	907
1922	299	1,375	1,535	1923	325	1,550	1,631
1923	500	2,516	2,495	1924	429	2,179	2,249
1924	403	1,989	2,266	1925	382	1,904	1,996
1925	458	2,257	2,358	1926	424	2,064	2,169
1926	436	2,133	2,308	1927	441	2,184	2,311
1927	567	2,615	2,572	1928	521	2,453	2,468
1928	569	2,697	2,713	1929	524	2,485	2,554
1929	510	2,547	2,523	1930	502	2,497	2,502
1930	483	2,472	2,165	1931	447	2,314	2,089
1931	383	2,033	1,649	1932	364	1,977	1,650
1932	384	2,078	1,620	1933	347	1,900	1,513
1933	476	2,617	2,191	1934	436	2,379	2,059
1934	443	2,331	2,089	1935	432	2,317	2,109
1935	459	2,383	2,188	1936	449	2,335	2,209
1936	341	1,656	1,538	1937	467	2;404	2,507
1937	439	2,238	2,046	([12])	462	2,380	2,442

[9] Canal opened August 15, 1914. [10] Canal closed part of month due to slides. [11] Average for 10½ months of fiscal year ended June 30, 1915. [12] Average for calendar year 1937.

Terminal Activities

Ships which completed repairs during the month of December 1937, numbered 45. Vessels released from drydock numbered 10. Fuel oil in the quantity of 268,630 barrels was delivered as bunkers to 132 commercial ships. Bunker coal amounting to 4,528 tons was delivered to 21 commercial ships. Sales of commissary supplies to ships aggregated $38,389.90.

Cargo Handled at Terminal Ports, December 1937

	Cristobal	Balboa	Total
Local cargo arriving ... tons	24,201	8,918	33,119
Local cargo shipped ... tons	5,207	534	5,741
Cargo received for transshipment ... tons	42,566	620	43,186
Cargo transshipped ... tons	41,145	746	41,891
"Canal Zone for Orders" cargo:			
Number of receipts issued	5	4	9
Number of releases issued	49	5	54
Tons received	6	13	19
Tons withdrawn	50	4	54

All Vessels Entering and Clearing Port, December 1937

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	511	3,188,299	1,882,216	469	2,698,683	1,617,189
Vessels entering port but not transiting Canal	69	492,762	273,694	10	14,660	11,381
Vessels transiting Canal and handling passengers and cargo at terminal ports	124	795,577	461,586	98	673,707	388,319
Ships clearing						
All vessels, including those transiting Canal	514	3,195,218	1,887,004	475	2,731,944	1,637,338
Vessels clearing port but not transiting Canal	72	504,849	280,774	6	9,871	6,627
Vessels transiting Canal and handling passengers and cargo at terminal ports	124	796,271	462,220	100	688,306	397,421

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight, December 10, 1937, to midnight, January 10, 1938. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Alkmaar, 0, 773
Ino, 0, 74
Santa Marta, 0, 441
Chile, 0, 324
Cristobal, 0, 484
Manizales, 0, 592
Acajutla, 0, 839
Trois Ilets, 0, 47
Pasajero, 0, 9
Haiti, 232, 311
Wisconsin, 90, 419
Orazio, 0, 370
Clio, 341, 136
Istmo, 705, 65
Antigua, 312, 614
Tacoma, 167, 0
Komaki Maru, 469, 0
Venezuela, 0, 755
Atenas, 485, 0
Sesostris, 216, 977
Cadmus, 6, 967
Quirigua, 75, 281
Nordstjernan, 9, 82
Colombie, 136, 1
Cordillera, 211, 12
San Francisco, 42, 252
Damsterdijk, 135, 140
Louisiana, 116, 0
Santa Clara, 306, 0
Oakland, 761, 352
Contessa, 614, 320
Mayan, 256, 1,500
Colombie, 0, 464
Santa Maria, 410, 91
Loreto, 4, 51
San Simeon, 1,140, 0
Ruth Lykes, 780, 266
Buenaventura, 1,720, 367
Nero, 386, 106
Chiriqui, 1, 204
Peten, 19, 16
Reina del Pacifico, 87, 1
Takai Maru, 691, 109
Darien, 437, 12
Metapan, 782, 373
Ino, 48, 144
Durazzo, 1,159, 366
Portland, 92, 221
Costa Rica, 484, 36
Laurits Swenson, 50,47
Pastores, 102, 572
Wanderer, 230, 76
Eridan, 0, 15
Nuevo Panama, 0, 123
Frankfurt, 101, 366
Munchen, 27, 0
Istmo, 717, 146
San Lucas, 342, 0
Alabama, 31, 724
Peten, 56, 2
Goslar, 3, 8
Curaca, 0, 258
Lochmonar, 108, 382
Santa Barbara, 274, 8
Santa Rosa, 705, 12
Cordillera, 22, 1,077
Atlantida, 348, 481
Roda, 94, 989
Salvador, 412, 545
San Diego, 259, 312
Ancon, 4,250, 619
Trois Ilets, 370, 82
Chipana, 0, 230
San Gil, 384, 2
Argual, 66, 0
Enoch, 2, 0
Santa Inez, 0, 2
Talamanca, 15, 266
Veragua, 34, 48
Santa Elena, 345, 43
Clio, 465, 255
Vinland, 340, 0
Weser, 175, 536
Tain Yin, 1,158, 0
Sixaola, 443, 232
Reliance, 6, 0
Colombia, 191, 1,109
Virgilio, 129, 3
Nero, 446, 65
Paraguana, 1,290, 0
Mantilla, 6,190, 0
Cerigo, 1,195, 361
Nanman Maru, 624, 0
Lysefjord, 0, 557
Costa Rica, 0, 719
Margaret Lykes, 349, 124
Maine, 246, 7
Baarn, 177, 573
Istmo, 718, 149
Veragua, 161, 19
Buenos Aires, 120, 82
Pennsylvania, 279, 0
Nurnberg, 163,295
Amapala, 484, 347
Midas, 0, 320
Santa Clara, 95, 4
Oropesa, 64, 433
Schwaben, 210, 565
Abraham Lincoln, 13, 80
Flandre, 120, 787
Guayaquil, 2,046, 0
Hakonsen Maru, 0, 328
Indien, 0, 274
Pereira, 816, 0
San Jose, 754, 0
Friesland, 18, 0
Ino, 207, 0
San Jose, 0, 49
Phoenicia, 0, 600
Ino, 0, 69
Friesland, 0, 438
Guayaquil, 0, 742
Pereira, 0, 1,080
Chiriqui, 132, 37
Ulua, 408, 289
Nebraska, 162, 133
Canada, 1, 0
Wyoming, 326, 95
Kinai Maru, 739, 23
Annie Johnson, 20, 98
Haiti, 230, 525
San Vincente, 712, 23
Logician, 281, 2
Norden, 1,370, 0
Vancouver, 124, 160
Simon Bolivar, 67, 0
Manizales, 1,195, 317
Trois Ilets, 333, 30
Santa Paula, 649, 214
Clio, 524, 273
Istmo, 664, 178
Nuevo Panama, 241, 300
Acajutla, 255, 0
Santa Lucia, 454, 5
Cefalu, 188, 534
Grete Maersk, 556, 41
Drechtdijk, 185, 88
Illinois, 146, 1
Cristobal, 2,469, 554
Santa Barbara, 505,107
City of Delhi, 1,249, 0
Copiapo, 61, 0
Durazzo, 1,305, 0
Duesseldorf, 302, 200
Nojima Maru, 954, 0
Limon, 889, 0
Sacttel, 229, 343
Ammon, 221, 754
Leme, 66, 0
Bernice, 0, 1,381
Nero, 516, 85
Santa Marta, 717, 267
Talamanca, 376, 240
Pasajero, 0, 20
Jamaica, 131, 1,751
Cellina, 0, 202
Kiyokawa Maru, 1,187, 0
Simon Bolivar, 0, 677
Delftdijk, 183, 99
Port Antonio, 0, 498
Margaret Johnson, 23, 56
Istmo, 720, 214
Alaska, 984, 0
Patricia, 20, 1,351
Orestes, 118, 621
San Marcos, 175, 0
San Jose, 126, 0
Caribia, 315, 0
Clio, 273, 0
Hermonthis, 148, 223
Boskoop, 0, 245

BALBOA

Chile, 375, 0
Antigua, 99, 0
Hamlin F. McCormick, 930, 0
Santa Clara, 8, 13
Middlesex, 58, 0
Chateau Thierry, 25, 0
Santa Maria, 239, 27
Norway Maru, 49, 0
President Hayes, 28, 0
Mayan, 0, 218
Frankfurt, 576, 3
Moldanger, 0, 1
Lochmonar, 0, 82
Santa Rosa, 263, 20
Santa Barbara, 24, 0
Republic, 790, 139
Iocoma, 354, 0
Tai Yin, 264, 0
Chilean Reefer, 37, 0
Vinland, 1,593, 0
Santa Elena, 235, 3
Cerigo, 0, 3
Santa Rita, 37, 0
Schwaben, 439, 75
Nurnberg, 48, 180
Indien, 305, 0
Evanger, 25, 0
Fisherman II, 150, 0
Santa Clara, 146, 5
California, 30, 102
Santa Paula, 307, 15
Santa Lucia, 19, 1
Acajutla, 3, 0
Grete Maersk, 123, 0
Pereira, 0, 250
Drechtdijk, 0, 74
Santa Barbara, 159, 1
Takoaka Maru, 136, 0
Samuel Bakke, 1,546, 0
Seattle, 8, 0
Solano, 9,584, 0
Nitro, 1,709, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal during December 1937, numbered 2,050; embarking 1,771; at Balboa 798 disembarking and 820 embarking. Passengers passing through the Canal from the Atlantic to Pacific numbered 4,914, from the Pacific to the Atlantic, 2,310. Aircraft numbering 48 entered Cristobal, and 208 passengers disembarked; clearances were 52, with 239 passengers embarking; at Balboa, entries of aircraft were 54, with 125 passengers disembarking; clearances, 54, with 101 passenger embarking.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from tanks of The Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $1.20 per barrel at Cristobal and Balboa; Diesel oil, $2.00 per barrel at Cristobal and Balboa.

Movements of Ocean Vessels Through the Panama Canal

From midnight December 10, 1937, to midnight January 10, 1938

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
S-44 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
S-47 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
S-46 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
S-42 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Monkleigh	10	11	Brit.	Seaboard Ship. Co.	Barry, England	Portland, Oreg.	Ballast	.....
Chile [2]	10	12	Swed.	Johnson Line	Goth'burg, Swed.	SanAntonio,Chile	General	1,167
Mataroa	10	11	Brit.	Shaw, Savill & Albion	London, England	Wellington, N. Z.	General	8,207
Ino [2]	10	11	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Tumaco, Colom.	General	67
Alkmaar	10	11	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,240
Hydra [5]	...	...	Pan.	D. Constantine	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Athelcrown [1] [2]	9	14	Brit.	Socony Vac. Oil Co.	Aruba, N. W. I.	Los Angeles, Cal.	Oil	8,973
L. A. Christensen	11	12	Nor.	Chile Nit. Sales Corp.	Newp't News,Va.	Tocopilla, Chile	Ballast	.....
Memphis City	12	12	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Hilo, T. H.	([14])	6,118
Wisconsin	11	12	Fr.	French Line	Havre, France	Vancouver, B. C.	General	7,919
Charles Racine [2]	11	12	Nor.	Hvalfanger Selskapet Kosmos.	New York, N. Y.	Estero Bay, Calif.	Ballast	.....
Loch Dee	12	12	Brit.	Maclay & McIntyre	New York, N. Y.	Vancouver, B. C.	Ballast	.....
Clio [2]	11	12	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	124
Modavia [2]	12	12	Brit.	Donaldson Brothers	Glasgow, Scot.	Vancouver, B. C.	General	689
Istmo	11	12	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	150
Union [2]	11	...	Pan.	Standard Fruit Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tucker [9]	11	14	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	.....
Atenas	12	16	Amer.	United Fruit Co.	New York, N. Y.	S. Francisco, Cal.	Ballast	.....
Ward [2]	12	13	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Hongkong, China	General	5,829
Rhea [1] [2]	13	13	Fr.	Comp. Aux. Nav.	Cherbourg, Fr.	Talara, Peru	Ballast	.....
Lebore	13	13	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Selfridge [9]	13	14	Amer.	U. S. Navy	Portsmouth, Va.	San Diego, Calif.	Ballast	.....
Hadiotis	13	14	Greek	Chile Nit. Sales Corp.	Stettin, Germany	Taltal, Chile	Ballast	.....
Awobasan Maru [2]	14	14	Jap.	Mitsui Bussan Kaisha	Philadelphia, Pa.	Moji, Japan	([15])	4,673
Naruto Maru [2]	14	14	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Osaka, Japan	([16])	7,627
Manizales	10	14	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	538
Acajutla	7	14	Brit.	Pacific Steam Nav. Co	Cristobal, C. Z.	Champ'ico, Guat.	General	839
Gryfevale	14	14	Brit.	Chile Nit. Sales Corp.	Norfolk, Va.	Tocopilla, Chile	Ballast	.....
Bengal Maru	14	14	Jap.	Nippon Yusen Kaisha	Bremen, Ger.	Yokohama,Japan	([17])	3,746
Minnesotan	14	14	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,810
Athelknight [1] [2]	14	15	Brit.	United Molasses Co.	Hull, England	Los Angeles, Cal.	Ballast	.....
Frank [3]	14	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[13]	.....	25
Porto Bello [3]	14	14	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	2
J-26 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
S-45 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
St. Cuthbert	13	15	Brit.	Warren Transp. Co.	Pto. Cabezas, Nic.	Corinto, Nic.	([18])	340
Ingerseks	15	15	Nor.	Chile Nit. Sales Corp.	Norfolk, Va.	Iquique, Chile	Ballast	.....
Chateau Thierry [8]	15	16	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	1,560
Yomachichi [2]	15	15	Amer.	Roosevelt S. S. Co.	Philadelphia, Pa.	Frem'tle, Aust'lia	General	5,009
Lena Luckenbach	15	15	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	4,569
Foylebank [2]	15	15	Brit.	Bank Line, Ltd.	Boston, Mass.	Shanghai, China	General	5,010
Hokkai Maru [2]	15	15	Jap.	Osaka Shosen Kaisha	Boston, Mass.	Kobe, Japan	General	6,488
Trois Ilets	10	15	Fr.	French Line	Cristobal, C. Z.	B'ventura,Colom.	General	47
Oakland [2]	14	15	Ger.	Hamburg-Amer. Line	Hamburg, Ger.	Vancouver, B. C.	Steel, glass	6,376
Sona [2]	14	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	14	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Union [2]	14	...	Pan.	A. Valdes	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Nathan [2]	15	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[13]	.....	20
Harry Luckenbach	15	16	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	2,900
Santa Maria [2]	16	17	Amer.	Grace Line	New York, N. Y.	SanAntonio,Chile	General	2,376
Miss C. B. [3]	16	18	Brit.	I. D. Hunter	Tampa, Fla.	Tumaco, Colom.	Machinery	32
No. 18-E-138 [5]	16	...	Pan.	Theo. Macridis	Tampa, Fla.	Tumaco, Colom.	Ballast	.....
Loreto [2]	16	17	Brit.	Pacific Steam Nav. Co.	Hull, England	Valparaiso, Chile	General	3,436
M-211 [5]	14	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Hagan [1]	16	17	Amer.	Shell Union Oil Co.	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
Everleigh	16	17	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Trontolite [1] [2]	17	17	Brit.	Imperial Oil Co.	Barranquilla,Col.	B'ventura,Colom.	Gasoline	3,958
Hollywood	17	17	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	General	4,106
Paula	17	17	Dan.	West Coast Line	New York, N. Y.	Valparaiso, Chile	General	1,496
Marore	17	17	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
San Simeon	16	17	Amer.	Quaker Line	Philadelphia, Pa.	Seattle, Wash.	General	3,962
M-238 [5]	14	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
President Hayes	18	18	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal.	General	2,243
Viking Star	17	18	Brit.	Blue Star Line	Tyne, England	Vancouver, B. C.	Ballast	.....
Darlington Court [2]	17	18	Brit.	Seaboard Ship. Co.	Hull, England	Vancouver, B. C.	Ballast	.....
Honolulan	18	18	Amer.	Chile Nit. Sales Corp.	Jacksonville, Fla.	Antof'gasta,Chile	Ballast	.....
American	18	18	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,413
Alamar	18	18	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Gen., steel	7,968

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [8] Transport. [9] Destroyer. [13] For bananas and return to Cristobal. [14] Steel, pipe, general. [15] Iron, lubricating oil, etc. [16] Steel, lubricating oil, etc. [17] Sulphate of potash and machine parts. [18] Railroad iron and locomotives.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Pennsylvania	18	18	Amer.	Weyerhaeuser S. S. Co.	New York, N. Y.	Los Angeles, Cal.	General	2,816
Hawaiian	18	18	Amer.	Isthmian S. S. Lines	Portland, Me.	Tacoma, Wash.	General	4,639
Elmwood [1]	18	18	Amer.	Shell Oil Co.	Fall River, Mass.	Los Angeles, Cal.	Ballast	
Ino [2]	17	18	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	131
Nero [2]	16	18	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Tumaco, Colom.	General	96
Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
Eridan [2]	18	19	Fr.	Messageries Marit'es.	Marseilles, Fr.	Noumea, N. Cal.	General	1,305
Fortuna [3]	19		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Waiwera [2]	19	19	Brit.	Shaw, Savill & Albion	Barrow, England.	Bluff, N. Z.	General	9,224
Triton [2]	18	19	Nor.	Isbrandtsen Moller	Baltimore, Md.	Manila, P. I.	General	7,086
Alabaman	19	19	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	3,204
Svealand [2]	19	19	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Durazzo	17	19	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	333
Port Jackson [2]	19	19	Brit.	Port Line, Ltd.	London, England	Lyttleton, N. Z.	General	3,983
Nuevo Panama [2]	18	19	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	Gen., gasoline	175
Tuira [2]	18		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	18		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Frankfurt	18	21	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	5,344
Alabama	19	20	Fr.	French Line	Havre, France	Talcahuano, Chile	(13)	2,924
Helen Whittier	19	20	Amer.	Matson Nav. Co.	Philadelphia, Pa.	Honolulu, T. H.	General	2,198
Cingalese Prince [2]	20	20	Brit.	Prince Line, Ltd.	Boston, Mass.	Shanghai, China.	General	4,561
Moldanger [2]	19	20	Nor.	Interocean Line	Rotterdam, Neth.	Los Angeles, Cal.	Oil, general	357
Mayan	14	20	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	1,641
San Lucas	19	20	Amer.	States S. S. Co.	Norfolk, Va.	Seattle, Wash.	Gen., steel	5,221
Istmo	19	20	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	380
Goslar	20	20	Ger.	North German Lloyd.	New Orleans, La.	Adelaide, Aust'lia	Asphalt, oil	6,501
Lochmonar [2]	20	22	Brit.	Royal Mail Lines	Rotterdam, Neth.	Portland, Oreg.	General	3,792
Gen. Wm. M. Graham. [11]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
King Frederick	21	21	Brit.	Furness, Withy & Co.	Cardiff, England.	Los Angeles, Cal.	Ballast	
Curaca	20	21	Amer.	Grace Line	New York, N. Y.	Mollendo, Peru	General	2,760
El Aleto [1] [2]	21	22	Brit.	C. T. Bowring & Co.	Birkenhead, Eng.	Cabo Bl'co, Peru.	Ballast	
Charles Christenson.	21	21	Amer.	Arrow Line	Baltimore, Md.	Seattle, Wash.	General	3,720
Hungtingdon	21	22	Brit.	Federal Steam Nav. Co.	Falmouth, Eng.	Adelaide, Aust'lia	General	7,379
Porto Bello [3]	21	21	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Kunikawa Maru [2]	21	22	Jap.	Kawasaki K. Kaisha	New York, N. Y.	Kobe, Japan	(14)	5,826
Ima [1] [2]	21	22	Nor.	Yamashita Line	Gulfport, Miss.	Los Angeles, Cal.	Ballast	
Point Vincente	22	22	Amer.	Gulf-Pacific Line	Mobile, Ala.	Seattle, Wash.	General	6,258
Orangemoor	22	22	Brit.	J. B. Westray & Co.	Antwerp, Belgium	N. Plym'th, N. Z.	Basic slag	8,000
Fortuna [3]	21		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Amerikaland [2]	22	22	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Penrith Castle [2]	22	22	Brit.	Barber Line	New York, N. Y.	Shanghai, China	General	2,785
Phaex	22	22	Greek.	Seaboard Ship. Co.	Barry, England.	Vancouver, B. C.	Ballast	
Sona [2]	21		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Union [2]	21		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Frank [3]	21		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Rotterdam [1] [2]	22	23	Neth.	Standard Oil of N. J.	Aruba, N. W. I.	Tocopilla, Chile	Fuel oil	12,069
J. L. Luckenbach	23	23	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,396
British Prince [2]	23	23	Brit.	Canadian Transp. Co.	Halifax, N. S.	Tacoma, Wash.	Copper, ore	8,255
Roda [2]	21	23	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	4,883
Chipana	23	23	Amer.	Panama Mail S. S. Co.	New York, N. Y.	S. Francisco, Cal.	Ballast	
St. Woolos	23	23	Brit.	B. & S. S.S. Co.	St. Rose, La.	Hongkong, China	(15)	6,780
Col. Riche [5]	19		Amer.	U. S. Army	Cristobal, C. Z.	Ped. Miguel, C. Z.	Tow. barge	
San Diego	22	24	Fr.	French Line	Antwerp, Belgium	Vancouver, B. C.	General	6,237
Elin K. [2]	23	24	Nor.	Chile Nit. Sales Corp.	Savannah, Ga.	Chile	Ballast	
Queen Anne [2]	23	24	Brit.	Anglo-Can. S. S. Co.	London, England	Los Angeles, Cal.	Ballast	
Minerva [2]	24	24	Nor.	Chile Nit. Sales Corp.	Charleston, S. C.	Tocopilla, Chile	Ballast	
Santa Inez [2]	24	24	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile	General	2,410
City of Bagdad	24	24	Brit.	Ellerman & Bucknall	Glasgow, Scot.	Sydney, Aust'lia.	General	4,264
Caduceus [5]			Amer.	Capt. W. S. George	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Santa Elena	24	25	Amer.	Grace Line	New York, N. Y.	S. Francisco, Cal.	Coffee, gen.	2,261
Jedmoor [2]	24	25	Brit.	Canadian Trad. Co.	Glasgow, Scot.	Brit. Columbia	Ballast	
Treherbert	24	25	Brit.	Seaboard Ship. Co.	Barry, England.	Portland, Oreg.	Ballast	
Montevideo Maru [2]	24	26	Jap.	Osaka Shosen Kaisha.	Montevideo, Uru.	Kobe, Japan	General	1,467
Siljestad [2]	25	25	Nor.	Fern Line	Houston, Tex.	Osaka, Japan	Lead, cotton	7,035
Helga	25	25	Dan.	J. Lauritzen	New York, N. Y.	Talcahuano, Chile	General	1,710
Dalblair	25	25	Brit.	United Steam Nav. Co.	Barry, England.	S. Francisco, Cal.	Ballast	
Vega [6]	24		Amer.	Floy E. Rohl	Miami, Fla.	Los Angeles, Cal.	Ballast	
Vinland [2]	24	26	Nor.	Scand.-S. Pac. Line	Goth'burg, Swed.	Valparaiso, Chile.	General	4,007
Clio [2]	24	25	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Tumaco, Colom.	General	232
Emergency Aid	25	25	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	General	4,450
Kentuckian	25	25	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	Portland, Oreg.	General	3,322
Chilean Reefer [2]	25	26	Dan.	J. Lauritzen	Copenhagen, Den.	Seattle, Wash.	General	33
Virgilio [2]	25	26	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile.	General	779
Cornwallis	24	26	Brit.	Chile Nit. Sales Corp.	Halifax, N. S.	Iquique, Chile	Ballast	
Weser [2]	24	26	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	7,353
Elisabeth Bakke [2]	25	26	Nor.	Knutsen Line	Cardiff, England.	Vancouver, B. C.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [11] Mine planter. [13] General, iron, automobiles. [14] Lubricating oil, pulp, etc. [15] Aviation gasoline.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Beldagny	25	26	Nor.	Chile Nit. Sales Corp.	Baltimore, Md.	Chile	Ballast	
Ionic Star	26	26	Brit.	Blue Star Line	Gibraltar	Vancouver, B. C.	Ballast	
Fortuna [3]	25		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Nero [2]	25	26	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	59
Jersey [2]	26	27	Brit.	Stern, Inc.	New Orleans, La.	Hongkong, China	Gasoline	6,171
Tuira [2]	25		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Edson [5]			Amer.	A. G. Terwilliger	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Sonnavind [2]	26	27	Nor.	Anglo-Can. S. S. Co.	S'ampton, Eng.	Los Angeles, Cal.	Ballast	
Northumberland	27	27	Brit.	N. Z. Shipping Co.	London, England	Wellington, N. Z.	General	6,500
Wildwood	27	27	Amer.	Amer.-For. S. S. Corp.	Pt. Sulphur, La.	Los Angeles, Cal.	Sulphur	7,225
City of Evansville	27	27	Brit.	Ellerman & Bucknall.	Baltimore, Md.	Dairen, China	General	7,151
Baarn	25	27	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,535
Istmo	26	27	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	325
Cerigo	25	27	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	362
Maine	26	27	Amer.	Calif. Eastern Line	Norfolk, Va.	Tacoma, Wash.	General	3,413
Trois Ilets	22	27	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	Iron, gen.	78
Salvador	21	28	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Cham'pico, Guat.	General	545
Firmore	27	28	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Salacia [2]	28	28	Brit.	Donaldson Bros., Ltd.	Glasgow, Scot.	Vancouver, B. C.	General	946
Olivebank [2]	28	28	Brit.	United Oil Co., Melb'e	Tampico, Mexico	Sydney, Aust'lia.	Asphalt	8,250
Pacific Shipper [2]	28	28	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	1,692
Charles L. D.	28	28	Fr.	TexasGulfSulphurCo.	Galveston, Tex.	Pt. Kembla, Aust	Sulphur	8,172
Buenos Aires [2]	27	28	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Gen., paper	5,351
Nurnberg [2]	28	29	Ger.	North German Lloyd.	Hamburg, Ger.	Talcahuano, Chile	General	4,852
Texan	28	28	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	1,800
Porto Bello [3]	28	28	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	2
Trecarrell	28	29	Brit.	Hain S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	
Gen. Wm. M. Graham. [11]	22		Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Jacob Luckenbach	28	29	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General	6,164
Evanger	29	29	Nor.	Westfal, Larsen & Co.	BuenosAires, Arg.	Los Angeles, Cal.	General	4,002
Puerto Rican	29	29	Amer.	Chile Nit. Sales Corp.	Pensacola, Fla.	Tocopilla, Chile	Ballast	
Kaikoura [2]	29	29	Brit.	Mont.-Aust.-N.Z.Line	St. John, N. B.	Auckland, N. Z.	General	5,086
Sage Brush	29	29	Amer.	Shepard S. S. Co.	Boston, Mass.	Seattle, Wash.	General	4,300
Enoch [3]	29		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]		25
Frank [3]	25		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	28		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	28		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Union [2]	28		Pan.	Henriquez & Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Col. Riche [5]	19		Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
Santa Clara	28	30	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	2,628
Oropesa	29	30	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile	General	3,117
Abraham Lincoln [2]	29	30	Nor.	Fred Olsen Line	Oslo, Norway	Vancouver, B. C.	General	6,533
California	30	30	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	1,670
Carolinian	30	30	Amer.	Amer.-Hawaiian Line.	N. London, Conn.	Tacoma, Wash.	[14]	2,691
Robert Luckenbach.	30	30	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	2,632
Jane Christenson.	30	30	Amer.	Arrow Line	Baltimore, Md.	Seattle, Wash.	General	3,375
Demeteron	30	30	Brit.	R. Chapman & Son	Newport, Eng.	Portland, Oreg.	Ballast	
Col. Riche [5]	29		Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Tampa [2]	30	31	Amer.	Roosevelt S. S. Co.	New York, N. Y.	Hongkong, China	General	2,404
Pacific	31	31	Amer.	Weyerhaeuser S. S. Co.	New York, N. Y.	Seattle, Wash.	Gen., steel	2,346
Vera [1] [2]	31	31	Nor.	H. Dit. Simonsen & Co.	Goth'burg, Swed.	Los Angeles, Cal.	Ballast	
Montanan	31	31	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,136
Umberleigh	31	31	Brit.	Anglo-Can. S. S. Co.	N. Shields, Eng.	Vancouver, B. C.	Ballast	
Remuera	31	1	Brit.	N. Z. Shipping Co.	London, England	Wellington, N. Z.	Slag, gen.	2,590
British Columbia Express. [2]	31	1	Nor.	Fruit Express Line	Glasgow, Scot.	Los Angeles, Cal.	Ballast	
Absaroka	1	1	Amer.	McCormick S. S. Co.	Norfolk, Va.	Los Angeles, Cal.	General	1,940
Silversandal [2]	31	1	Brit.	Kerr S. S. Co.	Boston, Mass.	Hongkong, China	General	4,478
Durham [2]	1	1	Brit.	N. Z. Shipping Co.	Swansea, England	Pt.Chalmers, N.Z.	General	10,183
Olymp [2]	1	1	Pan.	Chile Nit. Sales Corp.	Houston, Tex.	Iquique, Chile	Ballast	
Vermar	1	1	Amer.	Calmar Line	Philadelphia, Pa.	Los Angeles, Cal.	Steel, gen.	7,687
Canada [2]	1	1	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	General	305
Angol	1	1	Chile	Chile-N. Amer. Line	Norfolk, Va.	Valparaiso, Chile	Sugar, gen.	6,405
Ino [2]	31	1	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	54
Theofano Livanos	1	1	Greek	S. Livanos & Co.	Antwerp, Belgium	Tocopilla, Chile	Ballast	
Friesland	31	2	Ger.	Hamburg-Amer. Line.	New Orleans, La.	Hongkong, China	General	5,117
Treverbyn	2	2	Brit.	Hain S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	
San Vincente	1	2	Amer.	Quaker Line	Albany, N. Y.	Seattle, Wash.	General	2,638
J-29 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	1		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	1		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-44 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-45 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-46 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Gannet [10]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-42 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [10] Mine sweeper. [11] Mine planter.
[13] For bananas and return to Cristobal. [14] General, steel, coal.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
S-47 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Beeceelite [1] [2]	2	4	Brit.	Imperial Oil Co.	Halifax, N. S.	Vancouver, B. C.	Ballast	.....
Jevington Court	2	3	Brit.	Seaboard Shipping Co.	Hull, England	Vancouver, B. C.	Ballast	.....
Port Adelaide	2	3	Brit.	Port Line, Ltd.	Philadelphia, Pa.	Adelaide, Aust'lia	General	8,651
Pacific Pioneer [2]	3	3	Brit.	Furness, Withy & Co.	Glasgow, Scotland	Vancouver, B. C.	General	681
President Herrenschmidt. [1] [2]	3	3	Nor.	S. O. C. O. M. A. R., Paris.	Sta. Cruz, Can. Is.	Talara, Peru	Ballast	.....
Gen. Wm. M. Graham. [11]	30	...	Amer.	U. S. Army	Cristobal, C. Z.	Ped. Miguel, C.Z.	Ballast	.....
Mallard [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Manizales	2	4	Ger.	North German Lloyd	Cristobal, C. Z.	Guayaquil, Ecua.	General	289
Kwanto Maru [2]	3	4	Jap.	Osaka Shosen Kaisha	Boston, Mass.	Kobe, Japan	Gen., autos.	7,466
Mobilgas [1]	4	4	Amer.	Socony Vac. Oil Co.	Portland, Me.	Los Angeles, Cal.	Ballast	.....
Montgomery City	4	4	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Tacoma, Wash.	General	5,329
Fernmoor [2]	4	4	Brit.	N. Z. Shipping Co.	Antwerp, Belgium	Auckland, N. Z.	Fertilizer	8,489
El Ciervo [1]	4	4	Brit.	Consom. de Petrole	Falmouth, Eng.	Cabo Bl'co, Peru	Ballast	.....
Pereira	30	5	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	1,210
Clio [2]	3	4	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Tumaco, Colom.	General	249
Nuevo Panama [2]	3	4	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	General	275
Istmo	3	4	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	275
Patria [13]	4	4	Cuban.	Cuban Government	Cienfuegos, Cuba	B'ventura, Col.	Ballast	.....
Porto Bello [3]	4	4	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	1
Santore	4	5	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Nordic	5	5	Swed.	General S. S. Corp.	Barry, England	Eureka, Calif.	Ballast	.....
Trimountain [1]	5	5	Amer.	B. L. Shipping Co.	Fall Riv., Mass.	Los Angeles, Cal.	Ballast	.....
Cucuta [14]	5	...	Colom.	Colombian Govt	Cartagena, Col.	Balboa, C. Z.	Drydocking	.....
Nebraskan	5	5	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	1,487
Royal Star	5	5	Brit.	Blue Star Line	Tyne, England	Vancouver, B. C.	Ballast	.....
Drechtdijk [2]	5	6	Neth.	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B. C.	General	2,549
Fortuna [3]	4	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Enoch [3]	5	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [16]	.....	25
Vincennes [12]	6	7	Amer.	U. S. Navy	Norfolk, Va.	Los Angeles, Cal.	Ballast	.....
Illinois	5	6	Amer.	Quaker Line	Philadelphia, Pa.	Seattle, Wash.	General	2,435
Gen. Wm. M. Graham. [11]	5	...	Amer.	U. S. Army	Cristobal, C. Z.	P. Miguel, C. Z.	Tow. barges	.....
Point Caleta	6	6	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	5,778
Arimasan Maru [2]	6	6	Jap.	Mitsui Bussan Kaisha	Philadelphia, Pa.	Dairen, China	General	6,572
Eskdalegate	6	6	Brit.	Chile Nit. Sales Corp.	Dunkerque, Fr.	Chile	Ballast	.....
Talaralite [1]	6	6	Brit.	International Pet. Co	Baytown, Tex.	Talara, Peru	Gasoline	726
Santa Barbara [2]	6	7	Amer.	Graee Line	New York, N. Y.	SanAntonio, Chile	General	2,175
Lt. Col. H. C. Schumm. [4]	5	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Lillian Luckenbach.	6	7	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	2,945
Lahaina	6	7	Amer.	Matson Nav. Co.	New York, N. Y.	Honolulu, T. H.	General	5,743
Steelmaker	6	7	Amer.	Isthmian S. S. Lines	Mobile, Ala.	S. Francisco, Cal.	Steel rails	7,367
Bethore	6	7	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Cahonne [15]	6	9	Amer.	U. S. Government	Baltimore, Md.	Sta. Barbara, Cal.	Ballast	.....
Merope [1]	6	8	Fr.	Raffineries de Berre	Berre, France	Talara, Peru	Ballast	.....
California Express. [2]	6	7	Nor.	Fruit Express Line	Glasgow, Scotland	Los Angeles, Cal.	Ballast	.....
Sessa	7	7	Dan.	Wessel, Duval & Co.	New York, N. Y.	Talcahuano, Chile	General	2,424
King Lud [2]	7	7	Brit.	Anglo-Can. S. S. Co.	Hull, England	Vancouver, B. C.	Ballast	.....
Copiapo [2]	6	7	Chile.	Sud. Amer. de Vapores	Nakskov, Den.	Valparaiso, Chile.	General	550
Chincha [2]	6	7	Peru.	Adminis. de Guano	Hamburg, Ger.	Callao, Peru	(17)	800
Samuel Bakke [2]	7	8	Nor.	Knut Knutsen, O.A.S.	Oslo, Norway	Vancouver, B. C.	Cement	1,402
Uranienborg	7	8	Dan.	Chile Nit. Sales Corp.	Lake Charles, La.	Tocopilla, Chile	Ballast	.....
Trois Ilets	2	8	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	29
Hopestar	7	8	Brit.	Chile Nit. Sales Corp.	Tyne, England	Tocopilla, Chile	Ballast	.....
H. M. Storey [1]	7	8	Amer.	Standard Oil of Calif.	Providence, R. I.	S. Francisco, Cal.	Ballast	.....
Loosdrecht [1] [2]	8	...	Neth.	Shell Oil Co.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	.....
Leme [1] [2]	7	8	Ital.	Italia, S. A.	Genoa, Italy	Vancouver, B. C.	General	920
Berganger [2]	8	8	Nor.	Interocean S. S. Corp.	Amsterdam, Neth	Vancouver, B. C.	General	60
Limon	7	8	Amer.	United Fruit Co.	Boston, Mass.	Pto. Arm'les, R.P	Ballast	.....
Nero [2]	7	8	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Tumaco, Colom.	General	78
Seattle [2]	7	9	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	4,639
Kimikawa Maru [2]	8	8	Jap.	Kawasaki Kisen K.	New York, N. Y.	Dairen, China	Cotton, rosin	7,970
Woodcock [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Solana [1]	8	...	Amer.	Tidewater Oil Co.	Texas City, Tex.	Pacific coast	Fuel oil	9,460
Imperial Star [2]	8	9	Brit.	Blue Star Line	London, England	N. Plym'th, N. Z.	Gen., oranges	8,103
Gypsum Prince	9	9	Brit.	Chile Nit. Sales Corp.	New York, N. Y.	Tocopilla, Chile	Ballast	.....
Gregglia	9	9	Brit.	Donaldson Line	Glasgow, Scotland	Vancouver, B. C.	General	977
Tai Ping [2]	9	9	Nor.	Barber-Wilhelmsen	New York, N. Y.	Manila, P. I.	General	3,368
Margaret Johnson	[2] 8	9	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	General	4,168
Tennesseean	9	9	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	1,791
Port Halifax [2]	9	11	Brit.	Mont.-Aust.-N.Z.Line	Halifax, N. S.	Adelaide, Aust'lia	General	6,017
Ammon	7	10	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	3,376
La Union [2]	8	...	Pan.	A. Valdez	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [7] Submarine. [10] Mine sweeper. [11] Mine planter. [12] Cruiser. [13] Gunboat. [14] Training ship. [15] Coast Guard ship. [16] For bananas and return to Cristobal. [17] Synthetic nitrate.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Nailsea Meadow	9	10	Brit.	Kawasaki Kisen K.	Baltimore, Md.	Long Beach, Cal.	Ballast	.....
City of Dieppe	10	11	Brit.	Ellerman & Bucknall.	New York, N. Y.	Brisbane, Aust'lia	General	7,217
Fortuna [3]	8	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Nitro [13]	9	..	Amer.	U. S. Navy	Norfolk, Va.	Balboa, C. Z.	Navy stores	1,840
Greek Mariner	10	10	Greek.	Neill & Pandelis, Ltd.	Malmo, Sweden.	B'ventura, Col.	Ballast	.....
Nagara Maru [2]	10	10	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan.	(14)	7,065
Orestes	9	10	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Valparaiso, Chile.	General	1,528
W. R. Keever	10	10	Amer.	Texas & Freeport Sul.	Freeport, Tex.	Longview, Wash.	Sulphur	7,480
King Neptune [2]	10	10	Brit.	Australian Disp. Line.	Manchester, Eng.	Brit. Columbia	Ballast	.....
Istmo	9	10	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	214
Steelore	10	11	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Gen. Wm. M. Graham. [11]	6	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Springbank [2]	11	11	Brit.	Colonial Sugar Ref.	Fiji Islands	United Kingdom.	Sugar	8,028
Lihue	10	11	Amer.	Anglo-Can. S. S. Co.	Seattle, Wash.	Liverpool, Eng.	(15)	8,024
Bethore	11	11	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,200
Orazio [2]	11	12	Ital.	Italian Line	Valparaiso, Chile.	Genoa, Italy	General	3,252
Istmo	11	12	Pan.	Elliot Ship. & Land Co.	B'ventura, Colom.	Cristobal, C. Z.	Coffee	657
Clio [2]	11	12	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee, hides	310
La Union [2]	11	12	Pan.	A. A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	26
Tacoma	11	13	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	(16)	8,176
John Bakke [2]	11	12	Nor.	Knutsen Line	Vancouver, B. C.	Belfast, Ireland	General	7,452
Misoa [1]	6	12	Brit.	Largo Shipping Co.	Balboa, C. Z.	Aruba, N. W. I.	Ballast	.....
Antigua	11	13	Amer.	United Fruit Co.	S. Francisco, Cal.	New York, N. Y.	General	165
Asia [2]	11	13	Dan.	East Asiatic Co.	Vancouver, B. C.	Hull, England	Barley, lum.	10,000
Eskbank [2]	11	12	Brit.	Bank Line, Ltd.	Vancouver, B. C.	Sharpness, Eng.	Grain, lum.	8,500
Komaki Maru [2]	12	13	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	St. Johns, Can.	Silk, gen.	4,649
Calmar	12	12	Amer.	Calmar S. S. Corp.	Portland, Oreg.	Baltimore, Md.	(17)	6,429
Leticia [2]	11	12	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	Plantains	45
Parthenia	12	12	Brit.	Donaldson Brothers	Victoria, B. C.	Glasgow, Scot.	General	6,224
Everett	12	13	Amer.	Anglo-Can. S. S. Co.	Seattle, Wash.	Hull, England	Wheat, lum.	8,050
Rotula [1] [2]	12	13	Neth.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, N. W. I.	Gasoline	11,653
Dakotan	13	13	Amer.	Amer.-Hawaiian Line.	S. Francisco, Cal.	Boston, Mass.	General	5,953
San Francisco	13	14	Fr.	French Line	Portland, Oreg.	Rotterdam, Neth.	General	5,869
Mathew Luckenbach.	13	13	Amer.	Luckenbach Line	Portland, Oreg.	Mobile, Ala.	General	3,376
Nordstjernan [2]	13	13	Brit.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	General	6,005
Puerto Rican	13	13	Amer.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Pensacola, Fla.	Nitrate	8,900
Scottish Heather [1]	12	13	Brit.	Standard Oil of N. J.	Talara, Peru	S'ampton, Eng.	Crude oil	9,913
California	13	14	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	4,573
Mayan	13	20	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	262
Arimasan Maru [2]	13	14	Jap.	Mitsui Bussan Kaisha	Panang, Mal. Pen.	Baltimore, Md.	General	7,290
Louisianan	13	14	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	Sugar, gen.	8,021
Damsterdijk [2]	13	15	Neth.	Holland-Amer. Line.	Victoria, B. C.	Rotterdam, Neth.	General	9,692
Nailsea Meadow	14	14	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Savannah, Ga.	Nitrate	8,400
Santa Clara	13	15	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	General	5,304
Sona [2]	14	15	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
Tuira [2]	14	15	Pan.	Julio Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	53
La Union [2]	14	15	Pan.	Henriquez Co.	Aguadulce, R. P.	Cristobal, C. Z.	Salt	67
Barneveld	14	15	Neth.	Royal Neth. S. S. Co.	Talcahuano, Chile	Hamburg, Ger.	General	8,156
Fresno Star	14	15	Brit.	Blue Star Line	N. Westm'er, B. C.	Newcastle, Eng.	Frozen, gen.	6,878
Santore	14	15	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,200
Liberty Glo	15	15	Amer.	Amer.-For. S. S. Corp.	Seattle, Wash.	Bridgeport, Conn.	Lumber	6,593
Brazilian Reefer	15	15	Dan.	J. Lauritzen	Seattle, Wash.	Haifa, Palestine	Fruit	1,434
Villanger [2]	15	15	Nor.	Interocean S. S. Corp.	Seattle, Wash.	Rotterdam, Neth.	General	6,717
Winslow [5]	15	...	Amer.	U. S. Army	Balboa, C. Z.	Gatun Lake, C. Z.	.....	.....
Middlesex	15	16	Brit.	FederalSteamNav.Co.	Bluff, N. Z.	Glasgow, Scot.	Frozen, gen.	8,390
Tuscaloosa City	15	16	Amer.	Isthmian S. S. Lines.	Hilo, T. H.	Baltimore, Md.	General	7,342
Itauri	16	16	Ger.	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	8,065
San Gabriel	16	16	Amer.	Pac.-Atlantic Corp.	Portland, Oreg.	Wilmington, Del.	Lumber, gen.	6,362
Point Judith	16	16	Amer.	Swayne & Hoyt	Portland, Oreg.	Tampa, Fla.	Lumber, gen.	5,614
Nero [2]	16	18	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	344
Indianan	16	16	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	6,814
Reina del Pacifico [2]	16	17	Brit.	Pacific Steam Nav. Co	Valparaiso, Chile.	Liverpool, Eng.	Copper, gen.	6,134
Tokai Maru [2]	16	17	Jap.	Osaka Shosen Kaisha.	Dairen, China	Baltimore, Md.	General	1,759
Nalon	16	17	Brit.	Royal Mail Lines	N. Westm'er, B. C.	London, England	Fruit, metal.	3,961
Canadian	16	17	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	Sugar	4,233
Steel Worker	17	18	Amer.	Isthmian S. S. Co.	Portland, Oreg.	Liverpool, Eng.	General	7,930
Ino [2]	17	18	Neth.	Royal Neth. S. S. Co.	Tumaco, Col.	Cristobal, C. Z.	Coffee	44
Durazzo	17	19	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,054
Marian Otis Chandler.	17	17	Amer.	Matson Nav. Co.	Honolulu, T. H.	East coast U. S.	Sugar	7,200
Flomar	17	17	Amer.	Calmar Line	Olympia, Wash.	Baltimore, Md.	Lum., pulp.	5,854
H. M. Storey [1]	17	17	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Baltimore, Md.	Furnance oil	14,602

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [11] Mine planter. [13] Auxiliary. [14] General, lubricating oil, etc. [15] Lumber, wheat, fish. [16] Lumber, fruit, general. [17] Copper, wood pulp, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
City of Dalhart [2]	17	17	Amer.	Roosevelt S. S. Co.	Sydney, N. S. W.	Baltimore, Md.	General	5,952
Portland [2]	17	20	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	Wheat, gen.	7,766
Laurits Swenson [2]	17	18	Nor.	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	General	8,028
West Camargo	17	18	Amer.	McCormick S. S. Co.	Seattle, Wash.	New York, N. Y.	General	6,133
Slemmestad [2]	18	19	Nor.	Fern Line	Sabang, P. I.	New York, N. Y.	General	7,096
Nuevo Panama [2]	18	19	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	83
Sidney M. Hauptman.	18	18	Amer.	Continental Grain Co.	Longview, Wash.	Rotterdam, Neth.	Wheat	8,562
Hindanger [2]	18	18	Nor.	Interocean S. S. Corp.	Los Angeles, Cal.	Rotterdam, Neth.	Wheat, gen.	7,136
Washington	18	18	Amer.	Weyerhaeuser S. S. Co.	Portland, Oreg.	Norfolk, Va.	Lumber, gen.	7,258
S-43 [7]	18	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Tuira [2]	18	19	Pan.	Julio Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Real [2]	18	19	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Porto Bello [2]	18	18	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(14)	8
Amerika [2]	18	19	Dan.	East Asiatic Co.	Vancouver, B. C.	Copenhagen, Den.	(15)	9,595
Honestas	19	19	Ital.	Italian Line	Antof'gasta, Chile	Genoa, Italy	(16)	6,500
F. J. Luckenbach.	19	19	Amer.	Luckenbach Line	Seattle, Wash.	Mobile, Ala.	General	2,739
Munchen [2]	19	19	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	7,000
Steel Maker	19	19	Amer.	Isthmian S. S. Lines.	Everett, Wash.	Mobile, Ala.	Ballast	.....
Point Brava	19	20	Amer.	Dingwall Cotts	Seattle, Wash.	Birkenhead, Eng.	Grain, lum.	6,600
Istmo	19	20	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	651
Canadian Conqueror.	20	20	Brit.	M. A. N. Z. Line	Whyalla, Aust'lia	Halifax, N. S.	General	3,464
Alaska	20	20	Nor.	States Marine Corp.	Dairen, China	Philadelphia, Pa.	(17)	7,578
Uranienborg	20	20	Dan.	Chile Nit. Sales Corp.	Tocopilla, Chile	Lake Charles, La.	Nitrate	6,170
S-44 [7]	20	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-42 [7]	20	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-46 [7]	20	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-47 [7]	20	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Rhea [1] [2]	20	21	Fr.	Cie. Fin. Belge Petrol	Talara, Peru	Dunkerque, Fr.	Crude oil	11,132
Brynje [2]	21	21	Nor.	Canadian Transp. Co.	Vancouver, B. C.	Methil, Scotland	Lumber, gen.	6,287
Fortuna [2]	20	22	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Colon, R. P.	Bananas	46
Santa Barbara [2]	21	21	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	Metals, gen.	4,925
Salvador	21	28	Brit.	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	General	412
West Nilus	21	21	Amer.	McCormick S. S. Co.	Seattle, Wash.	BuenosAires, Arg.	General	5,506
Charles R. McCormick.	21	22	Amer.	Continental Grain Co.	Seattle, Wash.	Cobh, Ireland [13]	Flour, wheat	9,510
Santa Rosa	21	22	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	2,982
Winslow [5]	21	..	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
La Union [2]	21	22	Pan.	A. A. Valdez	Bayano, R. P.	Cristobal, C. Z.	Bananas	17
Frank [2]	21	22	Pan.	E. J. Hooper	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Sona [2]	21	22	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	26
S-45 [7]	22	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Winkleigh	21	22	Brit.	Canadian Transp. Co.	Pt. Alberni, B. C.	London, England	Wheat, lum.	8,850
Chelsea	22	22	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nit. of soda	7,725
Silverpalm [2]	22	22	Brit.	Silver Line	Portland, Oreg.	Madras, India	Flour, gen.	7,896
Trois Ilets	22	27	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	335
Gen. Wm. M. Graham. [11]	22	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Pacific President [2]	22	22	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot.	General	9,205
Kongsdal [1] [2]	22	23	Nor.	Standard Oil of N. J.	Talara, Peru	Rotterdam, Neth.	Gasoline	13,300
Gausdal [2]	23	23	Nor.	East Asiatic Co.	Dairen, China	Cobh, Ireland [13]	Soy beans	7,900
Iocoma [1]	22		Brit.	West India Oil Co.	Talara, Peru	Halifax, N. S.	Ballast	.....
Republic [8]	22	24	Amer.	U. S. Army	Honolulu, T. H.	New York, N. Y.	Army stores	473
Moana [2] [6]	17	25	Amer.	William B. Leeds	Long Beach, Cal.	New York, N. Y.	Ballast	.....
Washington Express. [2]	23	23	Nor.	Fruit Express Line	S. Francisco, Cal.	Glasgow, Scot.	Fresh fruit	2,100
Ruahine	23	24	Brit.	New Zealand Line	Auckland, N. Z.	London, England	Frozen, gen.	6,027
Steel Engineer	23	23	Amer.	Isthmian S. S. Lines.	Pt. Angeles, Wash.	Baltimore, Md.	Lumber, gen.	8,254
Guadeloupe [2]	23	23	Fr.	French Line	Seattle, Wash.	Rotterdam, Neth.	Fruits, borax	1,977
Missourian [2]	23	23	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Gen., lumber	9,006
Emma Bakke [2]	23	23	Nor.	Knut Knutsen, O.A.S.	Valparaiso, Chile.	Oslo, Norway	General	7,349
Steelore	24	24	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,000
Clio [2]	23	25	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	423
Gracia	24	24	Brit.	Donaldson Bros.	Vancouver, B. C.	Glasgow, Scot.	Fruit, gen.	6,540
Arizonan	24	24	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	6,141
Tai Yin [2]	24	26	Nor.	Barber Line	Davao, P. I.	New York, N. Y.	General	6,630
Fortuna [2]	25	26	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Colon, R. P.	Bananas	25
Nero [2]	25	26	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	406
Cerigo	25	27	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,087
Marna	25	25	Dan.	West Coast Line	Valparaiso, Chile.	New York, N. Y.	(15)	2,600
Tamaroa	25	25	Brit.	Shaw, Savill & Albion	Lyttleton, N. Z.	London, England	Frozen, gen.	5,612
Sedgepool	25	25	Brit.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Liverpool, Eng.	Lumber, gen.	7,281
Tuira [2]	25	26	Pan.	Julio Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	53
Istmo	25	27	Pan.	Elliot Ship. & Land Co.	B'ventura, Colom.	Cristobal, C. Z.	Coffee, gen.	652
Australian Reefer.	26	26	Dan.	J. Lauritzen	Portland, Oreg.	Hull, England	Fruit	2,028

[1] Tanker. [2] Motor ship. [5] Launch. [6] Yacht. [7] Submarine. [8] Transport. [11] Mine planter. [13] For orders. [14] Lumber, plantains. [15] Fruit, lumber, grain. [16] Copper, nitrate. [17] Manganese ore, fish, flour.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Lagarto [2]	26	26	Brit.	Pacific Steam Nav. Co	Valparaiso, Chile	Liverpool, Eng.	(14)	6,549
Nanman Maru	26	26	Jap.	Yamashita K. Kaisha	Kobe, Japan	Buenos Aires, Arg.	Silk, oil, gen.	3,443
Porto Bello [2]	25	26	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(15)	15
Astoria [2]	27	27	Dan.	Isbrandtsen-Moller	Vancouver, B. C.	London, England	Wheat, lum.	7,480
Harcalo	27	27	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrate	7,820
Point Palmas	27	27	Amer.	Swayne & Hoyt	Portland, Oreg.	Panama City, Fla.	General	6,130
Volunteer	27	27	Amer.	Lykes Bros., Ripley	Bulan, P. I.	New Orleans, La.	Sugar, gen.	9,038
Pennsylvania	27	28	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	4,454
Waipawa [2]	27	28	Brit.	Shaw, Savill & Albion	Auckland, N. Z.	London, England	General	7,111
Tropic Star [2]	28	28	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Gulfport, Miss.	Nitrate	8,258
Uyo Maru [2]	28	28	Jap.	Mitsui Bussan Kaisha	Penang, Mal. Pen	Baltimore, Md.	Sugar, gen.	7,107
Winslow [5]	28	...	Amer.	U. S. Army	Balboa, C. Z.	Gatun Lake, C. Z.	.....	.....
La Union	28	29	Pan.	Henriquez & Co.	Aguadulce, R. P.	Cristobal, C. Z.	Salt	60
Sona	28	29	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	33
Real	28	29	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	26
Trontolite [1] [2]	28	30	Brit.	Imperial Oil Co.	Talara, Peru	Halifax, N. S.	Gasoline	7,432
Santa Rita [2]	27	29	Amer.	Grace Line	Ant'fagasta, Chile	New York, N. Y.	(16)	1,962
Lillian Luckenbach.	28	29	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,995
Heffron	28	29	Amer.	Pac. Coast Dir. Line	Portland, Oreg.	Baltimore, Md.	(17)	10,274
Kensington Court	28	29	Brit.	Chile Nit. Sales Corp.	Taltal, Chile	Azores [13]	Nitrate	7,500
Panaman	29	29	Amer.	Amer.-Hawaiian Line	Portland, Oreg.	Boston, Mass.	General	6,787
Trondanger [2]	29	29	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	London, England	Grain, gen.	8,118
Schwaben	28	30	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	10,458
Chilore	30	30	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,600
Hakonesan Maru [2]	29	30	Jap.	Osaka Shosen Kaisha	Osaka, Japan	Buenos Aires, Arg.	General	3,397
Ida Knudsen [1] [2]	29	30	Nor.	Standard Oil of N. J.	Talara, Peru	Halifax, N. S.	Crude oil	13,300
El Aleto [1] [2]	29	30	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru	Ellesmere Pt. Eng.	Crude oil	10,109
Ferneliff [2]	29	30	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Mobile, Ala.	Nitrate	7,800
Pereira	30	4	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	731
Baldhill [1]	30	30	Amer.	Shell Terminal Corp.	S. Francisco, Cal.	Sewaren, N. J.	Gas oil	8,967
Indien	29	31	Nor.	Italia Line	Vancouver, B. C.	Trieste, Italy	Wheat, gen.	7,251
Heranger [2]	30	30	Nor.	Interocean S. S. Corp.	Seattle, Wash.	Rotterdam, Neth.	Wheat, gen.	7,014
Gen. W. M. Graham. [11]	30	3	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, V. Z.	.....	.....
Saarland	30	31	Ger.	Hamburg-Amer. Line	Corral, Chile	Hamburg, Ger.	General	8,210
Loosdrecht [1] [2]	31	31	Neth.	Shell Oil Co.	Los Angeles, Cal.	Cuaracao, N. W. I.	Gas oil	14,316
Ino [2]	31	1	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	189
Lewis Luckenbach.	31	31	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	12,000
Martin Bakke [2]	31	31	Nor.	Knut Knutsen	Vancouver, B. C.	Cardiff, Wales	Lumber, gen.	7,335
Kinai Maru [2]	31	1	Jap.	Osaka Shosen Kaisha	Dairen, China	Baltimore, Md.	General	2,689
Losmar	31	1	Amer.	Calmar Line	Seattle, Wash.	Baltimore, Md.	Lumber, pulp	7,519
Norden [2]	1	2	Dan.	Kawasaki K. Kaisha	Dairen, China	New Orleans, La.	General	4,703
Breda	1	1	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	8,870
Harpoon	1	1	Amer.	Shepard S. S. Co.	S. Francisco, Cal.	Baltimore, Md.	Lumber, gen.	8,679
Wyoming	1	2	Fr.	French Line	Seattle, Wash.	Rotterdam, Neth.	(18)	8,069
Annie Johnson [2]	1	2	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	(19)	5,880
Lucijana	1	1	J-Slav.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nitrate	7,300
Nebraska	1	2	Brit.	Royal Mail Lines	Victoria, B. C.	Rotterdam, Neth.	Frozen, gen.	7,207
Sona [2]	1	2	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
Porto Bello [2]	1	1	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(20)	30
Real [2]	1	2	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
Lebore	2	2	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,300
Vancouver	2	3	Ger.	Hamburg-Amer. Line	Vancouver, B. C.	Hamburg, Ger.	General	8,155
Embassage	2	2	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	London, England	Grain, gen.	8,434
Floridian	2	2	Amer.	Amer.-Hawaiian Line	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	7,690
Forest [2]	2	2	Brit.	Seaboard S. S. Co.	Portland, Oreg.	Manchester, Eng.	Lum., grain	8,600
Manizales	2	4	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,086
Vancouver City [2]	2	2	Brit.	Reardon-Smith Line	Los Angeles, Cal.	Liverpool, Eng.	Cotton	5,218
Trois Ilets	2	8	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee, wax	302
Arundo	2	2	Neth.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nitrates	8,575
Babbitt [9]	3	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Vibran [2]	2	3	Nor.	Knut Knutsen	N. Westm'er, B. C.	United Kingdom	Fresh fruit	1,558
San Angelo	2	3	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	8,314
Pennmar	2	3	Amer.	Calmar Line	Longview, Wash.	Baltimore, Md.	Lum., copper	6,565
El Mirlo [1] [2]	2	3	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru	Ellesmere, Eng.	Crude oil	11,373
Clio [2]	3	4	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee, hides	477
Nuevo Panama [2]	3	4	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	216
Sandham [2]	3	3	Swed.	Canadian Transp. Co.	Everett, Wash.	Antwerp, Belgium	Wheat, lum.	7,860
Santa Paula [2]	3	4	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	4,837
Istmo	3	4	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	655
American Robin	3	3	Amer.	Amer. For. S. S. Corp.	Pt. Angeles, Wash.	New York, N. Y.	Lumber	6,845
Woodcock [4]	3	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
L-41 [5]	3	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Pacific Exporter [2]	3	4	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scotland	General	9,104
Santa Lucia	3	5	Amer.	Grace Line	San Antonio, Chile	New York, N. Y.	General	6,119

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [9] Destroyer. [11] Mine planter. [13] For orders. [14] Sugar, cotton, nitrate. [15] Plantains, lumber. [16] Copper, cotton, bananas, coffee. [17] Lumber, pulp, grain. [18] Wheat, fruit, general. [19] Wheat, barley, general. [20] Plantains, logs.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Caduceus	3	4	Brit.	Anglo-Can. S. S. Co.	Victoria, B. C.	Avonmouth, Eng.	Cereals, lum.	6,970
Fortuna [2]	4	5	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	38
British Monarch	3	4	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Leith, Scotland	Lum., whcat.	7,910
Eastern Glade	4	4	Amer.	Canadian-Gulf Line	Powell Riv., B. C.	Houston, Tex.	(14)	5,960
Oregonian	4	4	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	7,168
Chr. Knudsen [2]	4	4	Nor.	Canadian Transp. Co.	Pt. Alberni, B. C.	Grangem'th, Scot.	Barley, lum.	7,920
Acajutla	4	11	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	General	255
St. Cuthbert [2]	3	5	Brit.	Warren Transp. Co.	Corinto, Nicara.	Puerto Mexico	Ballast	.....
Daghild [1] [2]	4	5	Nor.	Standard Oil of N. J.	Talara, Peru	S'ampton, Eng.	Crude oil	13,700
Brete Maersk [2]	4	5	Dan.	Isbrandtsen Moller	Manila, P. I.	Baltimore, Md.	(15)	7,447
Lt. Col. H. C. Schumm.[4]	5	6	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Susan V. Luckenbach.	5	6	Amer.	Luckenbach Line	Seattle, Wash.	New York, N. Y.	(16)	6,673
Frida	5	6	Dan.	West Coast Line	SanAntonio, Chile	Boston, Mass.	Gen., nitrate	2,500
Hanley	5	6	Amer.	Weyerhaeuser S. S. Co	Longview, Wash.	Philadelphia, Pa.	General	10,962
Ferngle [2]	6	6	Nor.	Fern Line	Manila, P. I.	Norfolk, Va.	General	8,470
City of Delhi	6	7	Brit.	Ellerman & Bucknall	Adelaide, Aust'lia	Halifax, N. S.	General	3,047
L. A. Christensen [2]	6	6	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Savannah, Ga.	Nit. of soda	7,626
American Reefer [2]	6	6	Dan.	J. Lauritzen	S. Francisco, Cal.	Haifa, Palestine	Fruit, gen.	2,163
Marore	7	7	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Nero [2]	6	8	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	469
Phyllis Soto	6	7	Amer.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Manchester, Eng.	(17)	4,814
Gannet [4]	7	11	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Dusseldorf [2]	6	8	Ger.	North German Lloyd.	Talcahuano, Chile	Hamburg, Ger.	General	6,002
Antigone	6	7	Brit.	Andrew Weir & Co.	Townsville, Aust.	London, England	(18)	7,524
Nojima Maru [2]	7	8	Jap.	Nippon Yusen Kaisha.	Keelung, Japan	New York, N. Y.	General	4,077
Asosan Maru [2]	7	7	Jap.	Mitsui & Co.	Cebu, P. I.	Baltimore, Md.	Silk, gen.	7,280
Durazzo	7	11	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,159
Ettrickbank [2]	8	8	Brit.	Canadian Transp. Co.	Seattle, Wash.	Liverpool, Eng.	Grain, lum.	8,500
Fortuna [2]	8	10	Pan.	Elliot Ship. & Land Co.	Dairen, R. P.	Colon, R. P.	Bananas	63
Hadiotis	8	8	Greek.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nitrate	7,550
Ingerseks	8	8	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Savannah, Ga.	Nitrate	7,800
Florence Luckenbach.	8	8	Amer.	Luckenbach Line	Portland, Oreg.	Mobile, Ala.	General	5,875
Porto Bello [2]	7	8	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(19)	12
Frank [2]	8	8	Pan.	E. J. Hooper	Darien, R. P.	Cristobal, C. Z.	Bananas	35
La Union [2]	8	9	Pan.	A. A. Valdez	Bayano, R. P.	Cristobal, C. Z.	Bananas	29
Kiyokawa Maru [2]	8	10	Jap.	Kawasaki K. Kaisha	Manila, P. I.	Philadelphia, Pa.	Copra, gen.	8,160
Cellina [2]	9	10	Ital.	Italian Line	Vancouver, B. C.	Trieste, Italy	Gen., lumber	7,343
Tregenna	9	9	Brit.	Queensland Govt.	Cairns, Australia.	Halifax, N. S.	Sugar	7,024
Alaska	9	10	Fr.	French Line	Valparaiso, Chile.	Havre, France	General	8,499
Delftdijk [2]	9	10	Neth.	N. Pac. Coast Line	Victoria, B. C.	Rotterdam, Neth.	General	9,000
Honolulan	9	9	Amer.	Chile Nit. Sales Corp.	Antof'gasta, Chile	Pensacola, Fla.	Nitrate	10,700
Rangitata [2]	9	9	Brit.	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	7,365
Alaskan	9	9	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,044
Oregon Express [2]	9	9	Nor.	Fruit Express Line	Portland, Oreg.	Havre, France	Fresh fruit	1,950
Istmo	9	10	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	654
Svealand [2]	9	10	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
District of Columbia. [1]	9	10	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Providence, R. I.	Furnace oil	10,071
Lindenhall	9	10	Brit.	Anglo-Can. S. S. Co.	Port Tasis, B. C.	Liverpool, Eng.	Lum., gen.	8,134
Hermonthis [2]	9	11	Ger.	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	5,674
San Anselmo	10	10	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Gen., lumber	8,586
Boskoop	10	11	Neth.	Royal Neth. S. S. Co.	Talcahuano, Chile	Hamburg, Ger.	General	7,934
Point Chico	10	10	Amer.	Swayne & Hoyt	Portland, Oreg.	Tampa, Fla.	Lumber, gen.	6,456
Miguel De Larrinaga.	10	10	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrate	7,350
Elwood [1]	10	10	Amer.	Shell Oil Co.	Los Angeles, Cal.	Sewaren, N. J.	(20)	10,206
Clio [2]	10	11	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee, hides	260

[1] Tanker. [2] Motor ship. [4] Tug. [13] For orders. [14] Newsprint, shingles. [15] Coconut oil, general. [18] General, wood pulp. [17] Wheat, pulp, lumber. [18] Copra, concentrates. [19] Plantains, lumber. [20] Kerosene, gasoline.

Information from American Consuls

The Consular officers of the United States at seaports all over the world are *ex officio* representatives of The Panama Canal for the purpose of furnishing information to shipping and allied interests as to conditions, charges, etc., at the Panama Canal affecting the operation of ships. The current publications of The Panama Canal of interest to shipping are furnished to the Consular officers and filed for reference.

It is not desired that inquiries of a general nature be addressed to the Consular officers, or that they be burdened with requests which should be made direct to The Panama Canal; but ships' operators who may not be sufficiently advised as to charges, supplies, facilities, etc., at the Canal will often save time by applying to the nearest American Consul.

Comparison of Traffic at the Suez and Panama Canals for the First Eleven Months of the Calendar Years 1936 and 1937

The following is a comparison of traffic at the Suez and Panama Canals for the first eleven months of the calendar years 1936 and 1937:

Month	Suez Canal				Panama Canal			
	Number of transits		Percent		Number of transits		Percent	
	1936	1937	Increase	Decrease	1936	1937	Increase	Decrease
January	533	575	7.9	.....	472	399	.....	15.5
February	471	524	11.3	.....	452	377	.....	16.6
March	548	580	5.8	.....	526	536	1.9	.....
April	490	621	26.7	.....	482	473	.....	1.9
May	484	567	17.2	.....	488	544	11.5	.....
June	426	540	26.8	.....	481	472	.....	1.9
July	466	551	18.2	.....	456	457	0.2	.....
August	471	531	12.7	.....	473	505	6.8	.....
September	479	522	9.0	.....	466	444	.....	4.7
October	490	557	13.7	.....	482	461	.....	4.4
November	511	525	2.7	.....	368	435	11.8	.....
Total	5,369	6,093	13.5	.....	5,146	5,103	.....	0.8

Traffic Through the Panama Canal During Calendar Year 1937, by Nationality

Nationality	No. of ships	Tonnage				Tolls	Tons of cargo
		Panama Canal net	United States equivalent	Registered gross	Registered net		
British	1,304	7,361,187	5,239,740	8,707,710	5,282,976	$6,307,506.97	6,942,286
Chilean	17	60,768	46,573	85,567	50,320	57,523.70	68,892
Chinese	6	23,971	20,558	31,358	19,593	23,666.00	33,708
Colombian	1	1,629	1,274	.....	.....	1,172.88	.....
Costa Rican	1	337	290	483	299	362.50	214
Danish	213	921,442	596,553	1,016,733	613,728	711,769.97	918,605
Estonian	8	21,282	18,944	28,564	20,692	19,446.42	20,685
Finnish	1	2,865	2,489	3,939	2,353	3,111.25	4,920
French	111	623,560	415,354	760,738	422,250	506,759.23	611,973
German	349	1,416,640	953,147	1,661,760	982,784	1,180,271.33	1,610,691
Greek	89	399,628	303,331	461,695	284,087	358,722.23	495,044
Honduran	23	36,784	32,813	59,198	33,864	34,053.03	8,905
Hungarian	6	23,930	15,396	24,398	15,346	18,818.94	24,411
Italian	49	343,374	219,429	415,600	244,751	267,087.78	153,812
Japanese	297	1,768,174	1,292,957	2,078,931	1,280,452	1,599,504.07	1,970,460
Latvian	4	11,080	8,774	12,816	7,500	9,077.15	9,900
Netherlands	247	834,908	563,472	949,650	564,020	670,099.49	769,933
Norwegian	670	3,317,821	2,225,878	3,704,868	2,221,693	2,621,253.25	3,623,057
Panamanian	189	480,228	374,481	660,868	372,658	422,886.03	552,074
Peruvian	4	7,230	6,502	9,834	5,570	8,127.50	4,668
Philippine	3	19,110	13,903	21,856	13,833	17,378.75	31,681
Spanish	14	58,580	49,638	81,216	48,804	52,000.05	51,382
Swedish	111	529,672	357,523	938,628	438,563	411,238.71	768,445
Union of Soviet Socialist Republics	3	8,141	6,870	11,564	6,978	7,221.58	4,990
United States	1,802	10,215,202	7,079,722	11,826,469	6,986,447	8,577,294.61	10,538,560
Venezuelan	4	4,324	4,232	8,168	4,320	4,181.40	3,798
Yugoslav	16	68,068	53,116	85,844	53,059	59,538.13	75,672
Calendar year 1937	5,542	28,559,935	19,902,959	33,648,455	19,976,940	23,950,072.95	29,298,766
Calendar year 1936	5,487	27,999,836	19,543,355	33,157,542	19,655,543	23,531,581.92	27,369,615
Calendar year 1935	5,052	26,796,703	18,605,415	31,734,963	18,786,413	22,421,206.62	24,701,904

NOTE.—The above statement includes only ocean-going commercial traffic of 300 net tons or over, Panama Canal measurement.

Foreign naval vessels, other than transports, colliers, hospital ships, and supply ships, pay tolls at the rate of $0.50 per ton displacement. Included in the preceding tabulation of transits and tolls, but not of tonnages, are the foreign naval vessels which transited the Canal during the calendar year 1937 and paid tolls on the basis of displacement tonnage, as follows:

Nationality	No. of vessels	Displacement tonnage	Tolls
British	8	32,304	$16,152.00
Total	8	32,304	16,152 00

Method of Propulsion of Ships Transiting the Panama Canal

The following table shows the method of propulsion of the ocean-going commercial vessels which transited the Canal in the calendar year 1937:

	No. of ships	Panama Canal net tonnage
Motor vessels	2,134	11,613,990
Steam vessels:		
Oil burners	2,415	13,041,766
Coal burners	968	3,880,351
Total cargo-carrying vessels	5,517	28,536,107
Noncargo-carrying vessels	25	23,828
Total	5,542	28,559,935

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Provisions Required by Ships

The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, tobacco, etc., which are sold to ships at reasonable prices. Beef especially is available at low prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery or for delivery at the other terminal after transit.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices, including the 20 percent surcharge, to individuals and companies, as of November 23, 1937:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.23
Brass, sheet, average	Lb.	.26
Bronze, Tobin, average	Lb.	.23
Gasoline, motor grade	Gal.	.105
Metal, yellow	Lb.	.26
Oakum, Navy, spun	Lb.	.19
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.28
Oil, burning, Colza	Gal.	1.03
Oil, engine, gas, light, in drums, No. 2135	Gal.	.24
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.32
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.28
Oil, kerosene, in drums	Gal.	.10
Oil, marine, engine	Gal.	.38
Paint, lead, white, dry	Lb.	.11
Paint, lead, white, in oil	Lb.	.12
Paint, zinc oxide, dry	Lb.	.08
Paint, zinc oxide, in oil	Lb.	.11
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, No. 3, medium	Lb.	.06
Grease, yellow, cup, No. 5, hard	Lb.	.07
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.12
Waste, cotton, white	Lb.	.13

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES

OILS, FORCE FEED AND MOTOR CYLINDER

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motor cycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventative and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steamshovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repairs of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as ice, meats (including native beef), fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices. A modern laundry service is also available. Orders may be placed in advance by radio for prompt delivery on arrival at either terminal, or for delivery at the other terminal after transiting the Canal.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large, covered piers for the storage of cargo. These are modern structures: fireproof, rat proof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation

Location of Patients and Visiting Hours at Gorgas Hospital

The following table shows the distribution of patients in the Gorgas Hospital buildings and the visiting hours for the various wards and sections:

Section and Ward	Visiting Hours
Section "A:"	
Ward 2	Wards: Tuesdays, Thursdays, and Saturdays, 2:30 to 4:30 p. m.; 6:30 to 7:30 p. m. Sundays and holidays, 9:30 to 11:30 a. m.; 2:00 to 4:00 p. m. Private rooms: Same as Section "B."
Ward 3	
Ward 4, Private rooms	
Section "B:"	
Ward 5, Male, private rooms, American boys	Daily, 9:30 to 11:00 a. m.; 2:00 to 4:30 p. m.; 6:30 to 8:00 p. m.
Ward 6, Foreign, male and female, private rooms, American girls	
Ward 7, White female, private rooms	
Ward 8, Obstetrical department, white females	
Nursery	No visitors permitted in nursery.
Section "C:"	
Ward 9, Colored, male	Colored wards: Wednesdays, Fridays, Sundays, and holidays, 1:00 to 2:30 p. m. Visitors from Atlantic Side may remain until 3:00 p. m.
Ward 10, White foreign, male	
Ward 11, Colored, male (surgical)	
Ward 12, Colored, male (medical)	
Ward 13, Colored, male, G. U.	
Ward 14, White, male, G. U.	Tuesdays, Thursdays, Saturdays, 2:30 to 4:30 p. m.; 6:30 to 7:30 p. m. Sundays and holidays, 9:30 to 11:00 a. m.; 2:30 to 4:30 p. m.; 6:30 to 7:30 p. m.
Section "D:"	
Ward 15, American, male (surgical)	Tuesdays, Thursdays, Saturdays, 2:30 to 4:30 p. m.; 6:30 to 7:30 p. m. Sundays and holidays, 9:30 to 11:00 a. m.; 2:30 to 4:30 p. m.; 6:30 to 7:30 p. m.
Ward 16, American, male (medical)	
Ward 17, Colored children	Wednesdays, Fridays, Sundays, and holidays, 1:30 to 3:00 p. m.
Ward 18, White children	Daily, 9:30 to 11:00 a. m.; 2:00 to 4:30 p. m.
Ward 19, Colored, female (medical)	Wednesdays, Fridays, Sundays and holidays, 1:00 to 2:30 p. m. Visitors from Atlantic Side may remain until 3:00 p. m.
Ward 20, Colored, female, surgical, obstetrical	
Isolation section	No visitors permitted except adults to visit tuberculosis patients, Thursdays, Sundays and holidays, 1:30 to 3:00 p. m.

Permission to visit outside of visiting hours may be granted upon application to the Superintendent's office.

Immediate relatives of seriously ill patients will be admitted at any time by and in the discretion of the attending physician, section nurse, and in her absence, the nurse in charge.

Trips Through the Canal

The following lines operating passenger vessels through the Canal carry local passengers from one terminal to the other: Dollar Line, Grace Line, Hamburg-American Line, Johnson Line, Navigazione Generale Italiana, North German Lloyd, Pacific Steam Navigation Co., Panama Mail Steamship Co. The Panama-Pacific Line carries such passengers from Balboa to Cristobal only. The Hamburg-American Line, North German Lloyd, Panama Mail Line, Dollar Line, Grace Line, and Johnson Line, charge $6 for the trip, the others $10 for first-class passage. The Panama-Pacific Line has also a rate of $6 for tourist class. The several services together afford about 4 transits of the Canal each way every week.

Binders for The Panama Canal Record

Cardboard covers, punched and fitted with brass fasteners forming binders for THE PANAMA CANAL RECORD are offered for sale at 25 cents a set, for the benefit of those who wish to keep a file of the issues for ready reference. Orders may be addressed to The Panama Canal, Balboa Heights, Canal Zone, or The Panama Canal, Washington, D. C.

THE PANAMA CANAL RECORD

OFFICIAL PUBLICATION OF THE PANAMA CANAL

PUBLISHED MONTHLY

Subscription rates, domestic, $0.50 per year; foreign, $1.00; address
The Panama Canal Record, Balboa Heights, Canal Zone,
or, for United States and foreign distribution,
The Panama Canal, Washington, D. C.
Entered as second-class matter February 6, 1918, at the Post Office
at Cristobal, C. Z., under the Act of March 3, 1879.

Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Volume XXXI Balboa Heights, C. Z., February 15, 1938 No. 7

Traffic Through the Panama Canal in January 1938

The total vessels of all kinds transiting the Panama Canal during the month of January 1938, and for the same month in the two preceding years, are shown in the following tabulation:

	January 1936	January 1937	January 1938		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	472	399	233	211	444
Small commercial vessels [1]	44	97	39	30	69
Noncommercial vessels:					
United States Government	41	38	34	26	60
Colombian Government	1	1	1	1	2
For repairs	2	.....	1	1	2
Total	560	535	308	269	577

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the 12 months ended January 31, 1938, as compared with the previous 12 months:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8
February	452	377	2,322,013	1,940,611	2,155,031	1,839,788	$1,952,682.73	$1,602,306.30
March	526	536	2,714,768	2,770,451	2,634,150	3,016,418	2,293,874.51	2,355,149.04
April	482	473	2,483,561	2,460,549	2,430,134	2,652,880	2,079,730.70	2,067,026.68
May	488	544	2,504,215	2,839,127	2,419,652	2,950,925	2,081,103.73	2,376,706.36
June	481	472	2,449,127	2,450,018	2,459,752	2,670,466	2,073,359.39	2,070,337.89
July	456	457	2,364,539	2,395,306	2,450,324	2,476,366	1,999,105.18	2,029,642.45
August	473	505	2,398,306	2,597,119	2,396,331	2,780,603	2,051,540.28	2,195,308.87
September	466	444	2,428,317	2,312,725	2,526,366	2,385,142	2,045,440.82	1,935,673.78
October	482	461	2,499,678	2,359,406	2,463,069	2,438,788	2,081,758.23	1,981,087.87
November	368	435	1,768,738	2,280,565	1,747,368	2,185,283	1,488,054.25	1,893,462.00
December	341	439	1,655,501	2,238,271	1,538,503	2,046,170	1,366,388.58	1,845,048.20
January	399	444	1,915,787	2,219,496	1,855,937	2,095,402	1,598,323.51	1,837,894.72
Total	5,414	5,587	27,504,550	28,863,644	27,076,617	29,538,231	23,111,361.91	24,189,644.16

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons measurement (Panama Canal net), which transited the Panama Canal during the month of January 1938. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	39	2,605	$2,392.75	1,068
Pacific to Atlantic	30	2,033	2,282.45	2,343
Total	69	4,638	4,675.20	3,411

Traffic by Nationality of Vessels[3] for January 1938

Nationality	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
British	[4] 113	623,754	$519,061.56	552,162
Chilean	2	10,153	8,897.50	6,955
Cuban	[5] 2	.....	1,200.00	.....
Danish	17	66,180	48,723.75	51,401
French	11	61,420	50,358.23	60,087
German	23	87,930	72,441.25	79,017
Greek	9	40,640	31,391.58	27,448
Italian	5	37,339	28,432.50	11,674
Japanese	25	154,273	135,520.05	151,823
Netherlands	26	73,394	56,801.49	67,982
Norwegian	49	241,191	187,271.95	231,605
Panamanian	14	25,065	20,087.20	22,072
Peruvian	1	519	573.75	800
Swedish	8	38,256	30,040.00	72,814
United States	138	755,904	641,951.41	752,262
Yugoslav	1	3,478	3,142.50	7,300
Total	444	2,219,496	1,837,894.72	2,095,402

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement. [4] Includes 1 naval vessel, 1,845 displacement tons. [5] Naval vessels, 2,400 displacement tons.

Traffic by Trade Routes for January 1938

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	44	255,995	143,478	44	248,117	327,539
East coast United States and:						
Canada	.....	.....	.....	2	9,281	13,520
Central America	1	2,280	.....	1	2,280	943
South America	28	123,815	28,920	24	109,533	251,534
Balboa	1	5,025	9,460	.....	.....	.....
Hawaiian Islands	4	20,158	16,964	1	5,245	4,704
Australasia	4	24,622	26,616	.....	.....	.....
Philippine Islands	6	35,487	30,911	11	68,546	80,041
Far East	15	90,794	112,013	6	35,261	28,057
East coast Canada and:						
South America	1	4,455	.....	.....	.....	.....
Australasia	2	11,492	10,168	3	15,503	14,770
Far East	1	6,834	7,590	.....	.....	.....
East coast Central America and Australasia	1	4,803	8,033	.....	.....	.....
South American intercoastal	1	860	1,722	.....	.....	.....
East coast South America and:						
Canada	2	9,748	7,788	1	4,997	6,947
Far East	2	11,754	3,866	1	5,939	6,268
Cristobal and:						
Central America	4	3,727	3,925	4	3,727	1,962
South America	16	9,325	3,211	17	10,308	10,801
West Indies and:						
United States	3	18,364	.....	1	4,791	8,882
South America	3	13,481	25,587	1	6,465	13,235
Australasia	1	5,239	7,875	.....	.....	.....
Europe and:						
United States	11	52,342	6,000	8	46,460	73,454
Canada	36	206,369	44,145	39	203,793	288,092
Central America	1	2,423	3,203	.....	.....	.....
South America	25	126,053	35,475	29	152,945	240,908
Australasia	10	87,337	56,250	11	89,048	81,671
Far East	1	5,785	6,428	3	15,683	22,030
Egypt and South America	1	4,066	.....	.....	.....	.....
Africa and Canada	.....	.....	.....	1	5,054	8,000
Asia and:						
United States	.....	.....	.....	1	2,881	2,163
Canada	1	1,946	72	.....	.....	.....
Around the world	2	11,943	3,475	1	4,861	6,706
Foreign vessels in ballast (United States intercoastal)	2	11,471	.....	.....	.....	.....
Vessels not engaged in commerce [6]	[6] 3	785	.....	[7] 1	.....	.....
Total	233	1,168,778	603,175	211	1,050,718	1,492,227

[6] One yacht, and 2 naval vessels (3,045 displacement tons). [7] Naval vessel (1,200 displacement tons).

Origin and Destination of Cargo by Major Areas

The following table summarizes the origin of cargo passing through the Canal in January 1938, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	153,050	21,934	146,788	24,527	30,351	376,650
Other North America	2,042	4,374	2,504	36,287	26,537	71,744
Europe	37,231	13,948	6,428	31,549	51,735	140,891
Miscellaneous	8,389	490	3,380	1,312	319	13,890
Total	200,712	40,746	159,100	93,675	108,942	603,175

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	321,302	16,859	169,772	13,546	521,479
Canada	13,520	3,812	184,792	5,739	207,863
Other North America	5,647	2,191	2,547	.....	10,385
South America	249,412	28,261	238,653	151	516,477
Australasia	1,782	12,988	81,671	.....	96,441
Asia	110,300	4,523	22,030	2,729	139,582
Total	701,963	68,634	699,465	22,165	1,492,227

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more long tons either during January 1938 or January 1937 are listed below:

Commodity	January		Commodity	January	
	1937	1938		1937	1938
Atlantic to Pacific			*Pacific to Atlantic*		
Asphalt and tar	17,582	9,204	Barley	596	18,580
Automobiles and parts	23,291	24,742	Beans	6,203	16,669
Canned goods	2,470	10,429	Canned goods	8,086	68,925
Cement	13,069	7,656	Coffee	18,796	15,392
Cotton raw	27,557	8,873	Cold storage, food products [8]	38,133	36,461
Iron and steel manufactures	40,418	124,087	Copra	17,290	31,499
Machinery	11,185	15,808	Cotton, raw	2,557	18,763
Manufactured goods, misc	2,222	10,426	Flour	1,982	16,791
Metals, various	28,362	34,940	Fruit, dried	305	22,743
Oils, mineral	74,593	68,583	Fruit, fresh [9]	23,077	29,925
Ores, various	13,651	3,286	Lumber	146,346	221,699
Paper and products	28,785	23,261	Metals, various	29,069	57,666
Phosphates	13,067	3,792	Nitrates	155,780	173,643
Railroad material	120	28,365	Oils, mineral	345,991	188,827
Scrap metal	26,785	8,987	Oils, vegetable	12,117	15,097
Sand	15	10,817	Ores	142,969	196,103
Slag	17,650	10,883	Paper and products	5,756	11,057
Sugar	2,835	14,971	Phosphates	11,475	9
Sulphur	3,722	10,396	Soy beans	23,701	16,218
Tinplate	21,502	14,873	Sugar	89,249	81,620
.....	.....	.....	Wheat	137,360	92,137
.....	.....	.....	Wood pulp	213	31,712
.....	.....	.....	Wool	22,475	8,218

[8] Does not include fresh fruit. [9] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of January 1938, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small

items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	11	52
Agricultural implements	1,818	219	3,879	241
Alfalfa meal	.....	506	.....	506
Ammonium compounds	57	.....	3,608	.....
Animal foods [10]	36	231	58	306
Apparel, wearing (hats, shoes, clothing, etc.)	67	18	79	40
Asbestos	333	12	2,605	16
Asphalt and tar	60	162	9,204	694
Automobiles (and autotrucks)	2,290	26	17,253	47
Automobile parts and accessories	340	114	7,489	146
Bags and bagging, textile	.....	149	324	149
Bamboo and products	.....	.....	.....	1,049
Bananas	.....	.....	.....	2,530
Barks, miscellaneous	.....	63	2	337
Barley	.....	180	51	18,580
Beans, edible, dry	61	9,352	231	16,669
Beer	512	.....	534	.....
Beverages, nonalcoholic	753	21	753	21
Blood and tankage	.....	.....	126	30
Bones and bone meal	.....	.....	917	.....
Books and printed matter	296	.....	305	.....
Borax	145	1,119	358	4,560
Bran and pollards	.....	64	.....	4,179
Bricks and tile	262	.....	1,050	.....
Camphor, crude	.....	.....	.....	103
Canned and preserved goods:				
Fish	368	10,495	730	15,580
Fruit	1,308	20,059	1,389	30,288
Meat	51	528	606	640
Milk	181	1,874	918	2,359
Soup	2,535	278	2,596	278
Vegetables	836	8,080	899	8,641
Miscellaneous and unclassified	902	8,064	3,291	11,139
Carbon black	18	9	63	9
Celite	.....	1,057	.....	1,057
Cement	174	29	7,656	29
Chalk	.....	.....	154	.....
Charcoal	59	.....	109	.....
Chemicals [10]	1,382	983	6,237	2,066
Clay, china and fire	327	99	920	179
Clay, filtering	.....	50	.....	50
Coal	.....	.....	3,069	.....
Cocoa and cacao beans	168	.....	724	1,129
Coconuts and products [10]	23	1,102	157	1,142
Coffee	36	52	6,102	15,392
Coke	.....	.....	4,499	.....
Cold storage and refrigerated products:				
Dairy products	.....	42	101	19,415
Eggs	.....	340	2	438
Fish	72	180	117	867
Lard	838	170	855	373
Meats	45	351	275	14,862
Poultry	.....	200	.....	200
Vegetables	.....	153	46	188
Other and unclassified	.....	.....	36	118
Confectionery	609	50	640	50
Copra	.....	.....	.....	31,499
Copra meal and cake	.....	.....	9	.....
Corn	8,506	.....	8,506	250
Cotton, raw	145	1,521	8,873	18,763
Creosote	13	.....	124	.....
Drugs and medicines	1,734	51	2,047	54
Dyes	.....	86	.....	88
Earthenware	.....	.....	47	.....
Electrical apparatus and appliances	663	327	1,377	639
Enamelware and metalware	52	.....	99	200
Explosives	.....	.....	439	.....
Extract, quebracho	.....	.....	1,607	.....
Fertilizers [10]	18	387	1,308	497
Fish, salted or dry-cured	.....	.....	.....	57
Fish meal	.....	1,025	150	2,835
Floor coverings	891	1,049	1,058	1,369
Flour	125	13,549	588	16,791
Fruit, dried	.....	10,740	86	22,743
Fruit, fresh [10]	.....	968	512	29,925

[10] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Furniture and household goods	264	.....	322	.....
General	10,489	2,272	36,681	7,605
Glass and glassware	1,985	96	4,467	1,618
Glue	86	1,048	86	1,067
Grains [10]	22	.....	72	735
Groceries	787	1,020	1,118	1,322
Gums	.....	.....	57	233
Hair, all kinds	20	74	32	165
Hay	.....	163	14	190
Hemp, unmanufactured	20	13	27	1,758
Honey	.....	365	.....	443
Hops	.....	.....	175	.....
Horns and hoofs	.....	.....	56	21
Infusorial earth	38	784	41	1,186
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	52,855	613	124,087	720
Ivory nuts	.....	.....	355	2,034
Jute, unmanufactured	.....	.....	79	.....
Lard substitute	.....	.....	.....	38
Lime	.....	.....	48	.....
Liquors	1,247	382	2,561	399
Lumber (including manufactured mill products)	1,503	94,095	1,971	221,699
Machinery	1,667	1,436	15,808	1,809
Malt	.....	.....	699	.....
Manufactured goods [10]	4,048	1,143	10,426	4,660
Marble and granite	.....	.....	401	.....
Matches	89	16	222	88
Metals:				
Antimony	.....	.....	52	.....
Copper	440	3,576	9,398	33,070
Gold and silver	.....	.....	.....	31
Iron	1,425	85	19,888	85
Lead	327	1,004	411	10,908
Tin	36	160	1,542	1,609
Zinc	317	.....	730	8,608
Other and unclassified	254	322	2,919	3,355
Milk, powdered	18	726	45	1,028
Molasses and syrups	370	.....	545	1,177
Nitrate	.....	.....	4,684	173,643
Nuts, edible (including meats)	.....	391	43	437
Oats	70	332	70	6,245
Oils, mineral:				
Crude	.....	.....	13,677	94,014
Gas and fuel	22	19,382	19,328	19,382
Gasoline, benzine, and naphtha	25	29,696	12,377	44,087
Kerosene	.....	9,159	2,001	30,717
Lubricating and greases	7,932	278	21,186	627
Other and unclassified	14	.....	14	.....
Oils, vegetable:				
Coconut	.....	446	70	9,194
Cottonseed	39	.....	39	2
Linseed	.....	.....	80	.....
Olive	.....	.....	227	.....
Wood	.....	498	.....	1,180
Other and unclassified	206	170	464	4,721
Oil, fish	12	.....	102	3,064
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	43	2,619	259
Oilseed cake and meal	846	76	896	5,774
Ores:				
Antimony	.....	.....	.....	274
Chrome	122	.....	122	16,677
Copper	.....	.....	.....	2,815
Iron	.....	.....	1,937	151,450
Lead	.....	.....	.....	4,381
Magnesite	.....	125	.....	425
Manganese	.....	45	.....	3,196
Tin	.....	.....	.....	3,005
Zinc	.....	.....	450	12,152
Other and unclassified	28	.....	777	1,728
Paints and varnishes	922	154	2,257	369
Paper and paper products [10]	5,914	4,630	23,261	11,057
Peanuts	868	110	868	166
Peas, dry	.....	.....	.....	269
Peatmoss	202	.....	1,243	.....
Phosphates	1,638	9	3,792	9
Plaster	.....	.....	55	.....
Porcelainware	155	154	941	5,927
Potash	104	4,359	6,335	5,877
Pyrethrum flowers	.....	.....	.....	866
Rags and waste	41	121	474	895

[10] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Railroad material	7,812	.....	28,365	416
Rice	812	158	1,008	1,225
Rope and twine	132	.....	189	.....
Rosin	421	.....	2,048	.....
Rubber:				
Manufactured	598	394	895	459
Raw	.....	51	11	6,339
Scrap	.....	95	121	160
Salt	136	.....	3,314	.....
Sand	549	.....	10,817	.....
Scrap metal	.....	130	8,987	3,848
Seeds (except oilseeds)	21	235	426	994
Sewer pipe (concrete and terra-cotta)	140	.....	140	.....
Shells, oyster	504	72	504	470
Silk, raw	.....	375	67	1,857
Skins and hides	.....	3,183	1,016	5,049
Slag	.....	.....	10,883	.....
Slate	53	.....	71	.....
Soaps and products	1,554	48	1,582	137
Soda and sodium compounds:				
Soda ash	448	.....	533	370
Soda, caustic	206	.....	288	.....
Miscellaneous and unclassified	261	260	729	382
Soy beans	194	.....	194	16,218
Sugar	.....	16,032	14,971	81,620
Sulphur	7,694	.....	10,396	1,000
Talc	.....	108	27	767
Tallow	.....	80	6	1,535
Tea	33	244	101	1,489
Textiles [11]	2,399	302	5,059	7,652
Tinplate	1,903	53	14,873	53
Tobacco and manufactures	93	36	2,191	280
Toilet preparations	45	.....	79	.....
Turpentine	51	.....	707	.....
Vegetables, dry [10]	.....	.....	18	178
Wallboard	19	12	205	183
Wax, paraffin	25	18	530	60
Wheat	.....	262	29	92,137
Wines	200	1,195	745	2,420
Wood pulp	86	21,595	7,370	31,712
Wool	85	609	98	8,218
Total, January 1938	153,050	321,302	603,175	1,492,227
Total, January 1937	.....	69,710	508,209	1,347,728
Total, January 1936	189,194	403,675	643,723	1,505,212

[10] Except as otherwise classified. [11] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows, according to trade route, the tanker traffic through the Canal during the month of January 1938:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	6	37,133	2,575	6	31,981	58,237
East coast United States and:						
South America	2	8,078	726	.....	.....	.....
Balboa	1	5,025	9,460	.....	.....	.....
Far East	1	6,955	13,677	.....	.....	.....
East coast Canada and South America	1	4,455	.....	.....	.....	.....
West Indies and:						
United States	3	18,364	.....	1	4,791	8,882
South America	2	10,706	21,167	1	6,465	13,235
Europe and:						
United States	2	12,266	.....	3	20,202	37,955
South America	4	20,863	.....	6	34,921	69,849
Total	22	123,845	47,605	17	98,360	188,158

Comparison of Canal Traffic in January 1938, with January Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of January			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	[12] 96	337	426	1915	[13] 100	361	466
1916	[14] 1	1	1	1916	60	199	258
1917	164	539	640	1917	145	483	588
1918	149	495	553	1918	165	547	627
1919	163	499	530	1919	162	510	576
1920	254	927	924	1920	199	712	781
1921	272	1,094	1,177	1921	232	950	966
1922	202	846	807	1922	222	951	907
1923	345	1,610	1,592	1923	325	1,550	1,631
1924	471	2,400	2,427	1924	429	2,179	2,249
1925	395	1,959	1,907	1925	382	1,904	1,996
1926	473	2,300	2,346	1926	424	2,064	2,169
1927	428	2,121	2,240	1927	441	2,184	2,311
1928	525	2,421	2,371	1928	521	2,453	2,468
1929	597	2,770	2,858	1929	524	2,485	2,554
1930	523	2,601	2,611	1930	502	2,497	2,502
1931	465	2,379	2,106	1931	447	2,314	2,089
1932	371	2,022	1,594	1932	364	1,968	1,650
1933	378	2,067	1,462	1933	347	1,900	1,513
1934	479	2,581	2,086	1934	436	2,379	2,059
1935	425	2,294	1,945	1935	432	2,317	2,109
1936	472	2,411	2,149	1936	449	2,335	2,209
1937	399	1,916	1,856	1937	467	2,404	2,507
1938	444	2,219	2,095	([15])	455	2,343	2,344

[12] Canal opened August 15, 1914. [13] Average for 10½ months of fiscal year ended June 30, 1915. [14] Canal closed part of month due to slides. [15] Average for first 7 months of fiscal year 1938.

Terminal Activities

Ships which completed repairs during the month of January 1938, numbered 75. Vessels released from drydock numbered 13. Fuel oil in the quantity of 203,620 barrels was delivered as bunkers to 128 commercial ships. Bunker coal amounting to 6,510 tons was delivered to 26 commercial ships. Sales of commissary supplies to ships aggregated $37,155.66.

Cargo Handled at Terminal Ports, January 1938

	Cristobal	Balboa	Total
Local cargo arriving ... tons..	21,086	12,742	33,828
Local cargo shipped ... tons..	1,677	407	2,084
Cargo received for transshipment ... tons..	46,200	201	46,401
Cargo transshipped ... tons..	43,508	368	43,876
"Canal Zone for Orders" cargo:			
Number of receipts issued	4	1	5
Number of releases issued	33	12	45
Tons received	3	4	7
Tons withdrawn	13	10	23

All Vessels Entering and Clearing Port, January 1938

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	515	3,122,317	1,862,365	493	2,730,637	1,651,518
Vessels entering port but not transiting Canal	53	409,969	236,490	10	23,214	14,520
Vessels transiting Canal and handling passengers and cargo at terminal ports	126	764,372	456,016	94	598,924	348,682
Ships clearing						
All vessels, including those transiting Canal	511	3,106,532	1,854,769	487	2,718,997	1,643,337
Vessels clearing port but not transiting Canal	51	403,783	231,199	11	24,598	15,873
Vessels transiting Canal and handling passengers and cargo at terminal ports	123	753,716	448,770	94	598,924	348,682

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight January 10, 1938, to midnight February 10, 1938. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Acajutla, 0, 1,065
Durazzo, 0, 270
San Marcos, 0, 1
San Jose, 0, 210
Caribia, 0, 21
Clio, 0, 150
Santa Maria, 126, 70
Ruth Lykes, 325, 166
CommissaireRamel,0,2
Altair, 62, 134
Contessa, 249, 355
Nuevo Panama, 0, 287
Mayan, 314, 1,164
Losada, 5, 117
Tribesman, 216, 48
Osnabruck, 75, 140
Allister, 404, 44
Buenaventura, 1,343, 482
Katsuragi Maru, 407, 0
Santa Rita, 420, 225
Toloa, 628, 744
Canadian, 135, 829
Este, 178, 340½
Nero, 160, 171
San Benito, 714, 10
Cerigo, 791, 285
Pasajero, 32, 33
Ino, 201, 326
Quirigua, 232, 68
Santa Elena, 511, 0
Cuba, 119, 0
Colombia, 224, 1,301
Trois Ilets, 350, 105
Yamabiko Maru, 352, 0
Crynssen, 127, 0
Santa Inez, 74, 1 pkg.
San Antonio, 32, 33
Cuba, 10, 1,528
Fortuna, 0, 53
Louisianan, 144, 208
Wichita, 303, 0
Istmo, 737, 174
Cefalu, 305, 239
Elbe, 388, 594
Salvador, 595, 485
West Cactus, 3, 224
Caribia, 77, 151
Keiyo Maru, 481, 0
Vermont, 752, 0
Aneon, 4,216, 731
Santa Lucia, 250, 132
Kansai Maru, 993, 101
Bodegraven, 231, 826
Frria, 8½, 0
Karnak, 4 pkgs., 0
Iriona, 908, 1
Canadian Challenger, 392, 0
Sixaola, 488, 180
Manizales, 1,194, 387
Axel Johnson, 10, 123
Antigua, 92, 86
Virgilio, 14, 105½
Haiti, 229, 1,719
Crynssen, 8, 1,052
Trois Ilets, 381, 0
Nuevo Panama, 0, 266
Lochkatrine, 132, 94
Newsome, 2, 308
Tricolor, 128, 0
Margaret Lykes, 241, 51
Fella, 51½, 0
Clio, 322, 56
San Rafael, 131, 0
Rhakotis, 47, 275
Nansenville, 434, 91
Daytonian, 183, 0
Benj. Franklin, 21, 297
Istmo, 736, 216
Santa Clara, 385, 0
California, 215, 0
Tacoma, 56, 146
Contessa, 199, 330
Antiochia, 23, 800
La Plata, Maru, 0, 333
Ciss, 0, 262
Newsome, 233, 0
Santa Maria, 282, 145
Dresden, 42, 142
Colombia, 81, 20
Guayaquil, 1,579, 1,252
Ulua, 522, 557
Arizona, 228, 429
Nero, 621, 36
Pereira, 841, 0
Darien, 448, 159
Orazio, 88, 1
Ville d'Amiens, 0, 66
Jamaica, 186, 1,271
Veragua, 179, 42
Skjelbred, 749, 0
Alabama, 821, 0
De La Salle, 191, 0
Trois Ilets, 331, 0
Durazzo, 1,219, 0
Washington, 69, 628
Oropesa, 40, 0
San Gabriel, 402, 0
Alkmaar, 28, 32
Istmo, 736, 0
Balboa, 74, 0
Pereira, 0, 817
De La Salle, 0, 1,381
Trois Ilets, 0, 82
Durazzo, 0, 455
Oropesa, 0, 1
San Gabriel, 0, 23
Naumburg, 51, 0
Nuevo Panama, 0, 96
Cefalu, 422, 558
Wisconsin, 231, 352
Lochgoil, 419, 138
Santa Barbara, 488, 12
Acajutla, 590, 442
Kano Maru, 109, 0
Tuscaloosa City, 274, 0
Phrygia, 11, 348½
Cristobal, 2,494, 1,132
Trontolite, 2, 0
Nuernberg, 251, 343
Nero, 600, 99
Valparaiso, 260, 561
Balboa, 0, 162
Lautaro, 1, 0
Armadale, 11, 0
Milwaukee, 8, 0
Palatia, 119, 292
Altair, 431, 0
Nankai Maru, 388, 90
Dinteldijk, 257, 201
San Blas, 497, 0
Cerigo, 1,275, 348
Midas, 0, 871
Santa Marta, 743, 214
Santa Inez, 475, 206
Chiriqui, 146, 256
Istmo, 0, 125
Colombia, 153, 1,717
Loriga, 3, 83
Oakland, 146, 96
Amasis, 79, 297
Ino, 605, 70
Northmoor, 0, 113
Gansfjord, 0, 234
Marchen Maersk, 491, 0
Santa Rita, 100, 6 pkgs.
Cordillera, 90, 30
Roda, 132, 0
Colombia, 0, 611
Trois Ilets, 288, 0
Mayan, 843, 0
Pennsylvania, 147, 0
New Orleans, 228, 0
San Felipe, 18, 0
Custodian, 182, 49
R. L. Hustler, 1½, 0
San Francisco, 88, 679
Frankfurt, 48, 111
Contessa, 174, 632
Helder, 139, 362
Ciss, 982, 0
Lochmonar, 340, 31
Muenchen, 34, 74
City of Rayville, 763, 0
Portland, 20, 858
Santa Clara, 90, 1
Buenaventura, 1,573, 0
Weser, 223, 76
Damsterdijk, 155, 0

BALBOA

Sta. Maria (Gr.), 20, 0
Santa Maria (Union), 11,703, 0
Deroche, 3,643, 0
Osnabruck, 178, 0
Altair, 331, 0
Pres. Monroe, 15, 0
Oliver Olson, 3,586, 0
Republic, 1,150, 46
Geisha, 1,686, 0
Pennsylvania, 4, 95
Santa Rita, 101, 0
Este, 177, 0
Mayan, 0, 7
Cerigo, 0, 1
Salvador, 1, 0
Louisianan, 12, 0
Wichita, 123, 0
Chateau Thierry, 1, 58
Henderson, 1, 0
Santa Lucia, 163, 0
Ludington, 803, 0
Tricolor, 224, 0
Lochkatrine, 0, 71
St. Mihiel, 367, 104
California, 183, 0
Santa Clara, 3, 0
Arawa, 41, 0
Santa Maria (Grace), 164, 3
Virginia, 30, 112
Washington Express, 0, 4
Pereira, 0, 34
Bokuyo Maru, 18, 4
Talaralite, 1,538, 0
Santa Inez, 121, 0
Rangitane, 165, 0
Dinteldijk, 0, 73
Marchen Maersk, 124, 0
Oakland, 157, 50
Pennsylvania, 280, 0
Mayan, 5, 0
Telde, 0, 2
Mahana, 5, 0
Lappland, 158, 0
Portland, 16, 0
Vinland, 10, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Cristobal during January 1938, numbered 2,697; embarking, 1,462; at Balboa, 810 disembarking and 813 embarking. Passengers passing through the Canal from the Atlantic to Pacific numbered 4,323; from the Pacific to Atlantic, 3,751. Aircraft numbering 49 entered Cristobal, and 205 passengers disembarked; clearances were 48, with 257 passengers embarking; at Balboa, entries of aircraft were 56, with 134 passengers disembarking; clearances, 56, with 99 passengers embarking.

Comparison of Traffic at the Suez and Panama Canals for the Twelve Months of the Calendar Years 1936 and 1937

Month	Suez Canal				Panama Canal			
	Number of transits		Percent		Number of transits		Percent	
	1936	1937	Increase	Decrease	1936	1937	Increase	Decrease
January	533	575	7.9	.....	472	399	.....	15.5
February	471	524	11.3	.....	452	377	.....	16.6
March	548	580	5.8	.....	526	536	1.9	.....
April	490	621	26.7	.....	482	473	.....	1.9
May	484	567	17.2	.....	488	544	11.5	.....
June	426	540	26.8	.....	481	472	.....	1.9
July	466	551	18.2	.....	456	457	0.2	.....
August	471	532	13.0	.....	473	505	6.8	.....
September	479	522	9.0	.....	466	444	.....	4.7
October	490	557	13.7	.....	482	461	.....	4.4
November	511	525	2.7	.....	368	435	11.8	.....
December	508	541	6.5	.....	341	439	28.7	.....
Total	5,877	6,635	12.9	.....	5,487	5,542	1.0	.....

Movements of Ocean Vessels Through the Panama Canal

From midnight January 10, 1938, to midnight February 10, 1938

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Akaroa	10	11	Brit.	Shaw, Savill & Albion	London, England	Wellington, N. Z.	General	4,650
Gannet [10]	7	11	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Acajutla	4	11	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	1,065
San Marcos	10	11	Amer.	Quaker Line	New York, N. Y.	Seattle, Wash.	General	2,267
Mathew Luckenbach.	10	11	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	General	3,765
Scottish Minstrel. [1] [2]	11	11	Brit.	Standard Oil Co.	Aruba, N. W. I.	Tocopilla, Chile.	Fuel oil	9,562
Iddesleigh	10	11	Brit.	Furness, Withy & Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Durazzo	7	11	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	245
Edwin Christenson.	11	11	Amer.	Sudden & Christenson	Baltimore, Md.	Seattle, Wash.	General	2,559
Clio [2]	10	11	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	136
San Jose	10	11	Fr.	French Line	Havre, France	Vancouver, B. C.	General	6,516
Taranger [2]	11	11	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	General	33
Nevadan	11	11	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,284
Porto Bello [3]	11	11	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
President Monroe.	12	12	Amer.	Dollar Line	Boston, Mass.	S. Francisco, Cal.	General	3,475
Cape York [2]	11	12	Brit.	Isthmian S. S. Lines.	Mobile, Ala.	Dairen, China	Steel rails	8,600
Camden [1]	11	12	Amer.	Shell Oil Co.	Sewaren, N. J.	Los Angeles, Cal.	Ballast	.....
Steel Scientist	12	12	Amer.	Isthmian S. S. Lines.	New York, N. Y.	Manila, P. I.	Steel, gen.	8,217
Altair	11	12	Ger.	North German Lloyd.	Hamburg, Ger.	Champ'ico, Guat.	General	2,902
Kirishima Maru [2]	12	12	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	Merchandise	8,147
Philante [6]	12	14	Brit.	T. O. M. Sopwith	S'ampton, Eng.	Galapagos Is.	Ballast	.....
Nuevo Panama [2]	11	12	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	302
Losada [2]	12	12	Brit.	Pacific Steam Nav. Co.	Hull, England	Magallanes, Chile	General	4,515
Osnabruck [2]	12	13	Ger.	North German Lloyd.	Hamburg, Ger.	Valparaiso, Chile.	General	5,128
Real [2]	11	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	11	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Frank [2]	8	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sangstad [2]	13	13	Nor.	Fern Line	Galveston, Tex.	Adelaide, Aust'lia	Sulphur, etc.	6,926
Republic [8]	12	14	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	1,925
Horace Luckenbach.	13	13	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	2,616
Athelking [1] [2]	13	13	Brit.	Mitsubishi Shoji K.	Corpus Ch'ti, Tex.	Japan	Crude oil	13,677
Admiral Wiley	13	13	Amer.	Bulk Carriers Corp.	New Orleans, La.	Los Angeles, Cal.	Yellow corn.	4,219
Anadara [1] [2]	13	13	Brit.	Anglo-Saxon Pet. Co.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	.....
Enoch [3]	13	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[13]	.....	25
Nathan [2]	13	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[13]	.....	20
W. H. Berg [1]	13	14	Amer.	Standard Oil of Calif.	Philadelphia, Pa.	S. Francisco, Cal.	Lub. oil	.....
Case [9]	14	15	Amer.	U. S. Navy	Boston, Mass.	San Diego, Calif.	Ballast	.....
Pennsylvania	14	14	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	1,921
Hegira	13	14	Amer.	Pac. Coast Dir. Line	New York, N. Y.	Seattle, Wash.	Gen., steel	3,300
Forbes Hauptman	14	14	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	General	4,325
West Nosska Maru	13	14	Jap.	T. Miyaji	Norfolk, Va.	Kobe, Japan	Ballast	.....
Torvanger	13	14	Nor.	Chile Nit. Sales Corp.	Hamburg, Ger.	Chile	Ballast	.....
Geisha	14	16	Nor.	Knut Knutsen, O.A.S.	Oslo, Norway	San Antonio, Chile	General	4,299
Ferncliff	14	14	Nor.	Chile Nit. Sales Corp.	Mobile, Ala.	Tocopilla, Chile.	Ballast	.....
Winslow [5]	9	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge.	.....
M-238 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Babbitt [9]	3	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Oakmar	14	15	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	6,714
Elmbank [2]	14	15	Brit.	Andrew Weir & Co.	Antwerp, Belgium	Brit. Columbia	Ballast	.....
Santa Rita [2]	14	15	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile.	General	1,784
Tacoma Star	15	15	Brit.	Blue Star Line	Cardiff, Wales	Vancouver, B. C.	Ballast	.....
Dakotan	15	15	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,332
Nicolaou Ourania.	15	15	Greek.	George Nicolaou	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Canadian	14	15	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,880
Taybank [2]	15	15	Brit.	Bank Line, Ltd.	Boston, Mass.	Shanghai, China.	General	4,426
Nero [2]	14	15	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	156
Este	14	16	Ger.	North German Lloyd.	Hamburg, Ger.	Portland, Oreg.	General	3,757
Captain Harry [5]	4	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Anniston City	15	16	Amer.	Isthmian S. S. Lines.	Portland, Me.	Seattle, Wash.	Steel, gen.	4,170
Nordnes [2]	15	16	Nor.	Canadian Transp. Co.	Liverpool, Eng.	Los Angeles, Cal.	Ballast	.....
Pacific Ranger [2]	16	16	Brit.	Furness, Withy & Co.	Glasgow, Scotland	Vancouver, B. C.	General	823
Sinnington Court.	16	16	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Narenta	16	16	Brit.	Royal Mail Lines	S'ampton, Eng.	Seattle, Wash.	Ballast	.....
Cubore	16	16	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Sona [2]	15	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real [2]	15	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Newton Beech	17	17	Brit.	Ridley, Son & Tully	Cardiff, Wales	Vancouver, B. C.	Ballast	.....
Aldebaran [6]	16	...	Amer.	Francis Taylor	Jacksonville, Fla.	Galapagos Island.	Ballast	.....
Getsuyo Maru [2]	17	17	Jap.	Mitsui Bussan Kaisha.	Baltimore, Md.	Moji, Japan	([14])	9,018
Uffington Court	17	17	Brit.	Seaboard Shipping Co.	Barry, England	Puget Sd., Wash.	Ballast	.....
Trois Ilets	15	17	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	105

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [8] Transport. [9] Destroyer. [10] Mine sweeper. [13] For bananas and return to Cristobal. [14] Steel materials.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Cerigo	14	17	Ger...	Hamburg-Amer. Line.	Cristobal, C. Z..	Guayaquil, Ecua.	General	258
Mayan	11	18	Amer..	Grace Line	Cristobal, C. Z..	Champ'ico, Guat.	General	1,165
Navarino	17	17	Brit...	Glen & Co	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Komaki Maru [2]	17	18	Jap...	Kokusai Kisen Kaisha	Boston, Mass....	Kobe, Japan	Gen, copper.	7,590
S-C No. 5[5]	...	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
Piako	17	18	Brit...	N. Z. Shipping Co...	London, England	Auckland, N. Z..	General	3,735
Anglo-Peruvian	17	18	Brit...	Anglo-Can. S. S. Co..	Barry, England..	Vancouver, B. C.	Ballast	.....
Testbank	17	18	Brit...	Bank Line, Ltd.	Tampico, Mexico	Brisbane, Aust'lia	Asphalt	8,033
Chloe	18	18	Greek.	Chile Nit. Sales Corp.	Antwerp, Belgium	Chile	Ballast	.....
Tropic Star [2]	18	18	Nor...	Chile Nit. Sales Corp.	Tampa, Fla.	Tocopilla, Chile..	Ballast	.....
Cambridge	18	18	Brit...	FederalSteamNav.Co.	Liverpool, Eng..	Lyttleton, N. Z..	General	8,032
President de Vogue. [1] [2]	17	18	Nor...	Comp. des Prod. Et Raff. de Berre.	Pt. de Bouc, Fr..	Talara, Peru	Ballast	.....
Kansan	18	18	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Seattle, Wash...	General	2,652
Willmoto [2]	18	18	Amer..	Amer.-Hawaiian Line.	Baltimore, Md...	Seattle, Wash...	General	1,920
Tanana	18	19	Amer..	Bulk Carriers Corp...	New Orleans, La.	Los Angeles, Cal.	Corn	4,275
Tokai Maru [2]	18	18	Jap...	Osaka Shosen Kaisha.	Boston, Mass....	Yokohama, Japan	General	8,013
Louisianan	18	19	Amer..	Grace Line	Baltimore, Md...	SanAntonio, Chile	(15)	2,131
Porto Bello [3]	18	18	Pan...	A. Tagaropulos	Cristobal, C. Z..	Real, R. P.	General	2
Point Estero	19	19	Amer..	Swayne & Hoyt	Houston, Tex....	Seattle, Wash...	General	4,508
Lebore	19	19	Amer..	Ore S. S. Corp.	Baltimore, Md...	Cruz Gr'de, Chile	Ballast	.....
Istmo	18	19	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General	215
Fortuna [3]	18	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Gasoline	46
West Cactus	19	19	Amer..	McCormick S. S. Co..	BuenosAires, Arg.	Tacoma, Wash..	General	4,574
Golden Cloud	19	19	Amer..	Matson Nav. Co.	Baltimore, Md...	Hilo, T. H.	Tinplate, gen.	2,041
Gen. Wm. M. Graham.[11]	11	...	Amer..	U. S. Army	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Enoch [3]	19	...	Pan...	E. J. Hooper	Cristobal, C. Z..	Gatun, C. Z.[13]	.....	25
Col. Riche [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Tow. barge..	.....
Point Judith	20	20	Amer..	Swayne & Hoyt	Houston, Tex....	Tacoma, Wash..	General	5,062
Nereus	20	20	Greek.	Chile Nit. Sales Corp.	Stettin, Germany	Chile	Ballast	.....
Firenze [6]	18	22	Amer..	Col.M.R.Guggenheim	Miami, Fla.	San Diego, Calif.	Ballast	.....
Lancaster Castle	20	20	Brit...	Chile Nit. Sales Corp.	Delfzyl, Neth....	Taltal, Chile	Ballast	.....
Vermont	19	20	Amer..	Cal. Eastern S. S. Line	Albany, N. Y....	Tacoma, Wash..	General	2,267
Hoegh Silverstar [2]	20	21	Nor...	Silver-Java-Pac. Line.	Copenhagen, Den.	Los Angeles, Cal.	Ballast	.....
Nathan [2]	20	...	Pan...	E. J. Hooper	Cristobal, C. Z..	Gatun, C. Z.[13]	.....	20
J-59 [5]	17	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
Santa Lucia	20	21	Amer..	Grace Line	New York, N. Y.	SanAntonio, Chile	General	2,676
Peter Maersk [2]	21	21	Dan...	Maersk Line	Boston, Mass....	Cebu, P. I.	General	6,335
African Reefer [2]	21	21	Dan...	J. Lauritzen	St. John, N. B...	Vancouver, B. C.	Citrus fruit..	72
Erria [2]	21	21	Dan...	E. Nielsen	Copenhagen, Den.	Vancouver, B. C.	General	518
Col. Riche [5]	19	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
L. A. Christensen. [2]	21	22	Nor...	Chile Nit. Sales Corp.	Savannah, Ga...	Chile	Ballast	.....
Canadian Constructor.	22	23	Brit...	Mont.-Aust.-N.Z.Line	St. Johns, N. B..	Melbourne, Aus..	(16)	4,151
El Oso [1]	22	23	Brit...	C. T. Bowring & Co.	Ellesmere, Eng..	La Libertad, Ecu.	Ballast	.....
Ludington [8]	21	24	Amer..	U. S. Army	Brooklyn, N. Y..	Honolulu, T. H..	General	5,034
Bodegraven	20	22	Neth..	Royal Neth. S. S. Co.	Hamburg, Ger...	Valparaiso, Chile.	General	2,718
Ino [2]	14	22	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z...	Guayaquil, Ecua.	General	206
Frank [3]	18	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Edith [6]	...	...	Pan...	C. B. Fenton	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
Marna	22	23	Dan...	J. Lauritzen	New York, N. Y.	Talcahuano, Chile	General	2,300
Olney [1]	22	23	Amer..	Penn. Shipping Co...	Ponce, P. R.	Los Angeles, Cal.	Ballast	.....
Edward Luckenbach.	22	23	Amer..	Luckenbach Line	Boston, Mass....	Tacoma, Wash..	General	5,693
Rangitiki [2]	23	23	Brit...	N. Z. Shipping Co...	London, England	Wellington, N. Z.	General	4,925
Trois Ilets	22	23	Fr....	French Line	Cristobal, C. Z..	B'ventura, Col...	Ballast	.....
Gypsum Queen	23	23	Brit...	Chile Nit. Sales Corp.	Baltimore, Md...	Talcahuano, Chile	(17)	4,142
Manizales	21	23	Ger...	North German Lloyd.	Cristobal, C. Z..	Guayaquil, Ecua.	General	352
Lochkatrine [2]	23	24	Brit...	Royal Mail Lines	London, England	Vancouver, B. C.	General	4,371
Nuevo Panama [2]	22	23	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Pto. Arm'les, R. P.	General	150
La Union [2]	22	...	Pan...	A. Valdes	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Clio [2]	23	...	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Balboa, C. Z.[14]	Ballast	.....
Muncaster Castle [2]	24	24	Brit...	Barber Line	Baltimore, Md...	Shanghai, China.	General	3,127
Washington	24	24	Amer..	Weyerhaeuser S. S. Co.	New York, N. Y.	Los Angeles, Cal.	Steel, gen...	2,561
Fella [2]	23	24	Ital...	Italian Line	Trieste, Italy....	Vancouver, B. C.	General	307
San Rafael	24	24	Amer..	Quaker Line	Philadelphia, Pa.	Tacoma, Wash..	General	1,639
Nansenville [2]	24	24	Neth..	Fred Olsen Line	Oslo, Norway...	Vancouver, B. C.	General	5,795
Yamazato Maru [2]	24	24	Jap...	Yamashita K. Kaisha.	BuenosAires, Arg.	Kobe, Japan	Hides, coffee	1,062
Marore	24	24	Amer..	Ore S. S. Corp.	Baltimore, Md...	Cruz Gr'de, Chile	Ballast	.....
Rhakotis [2]	24	25	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	Valparaiso, Chile.	General	5,751
Salvador	18	25	Brit...	PacificSteamNav.Co.	Cristobal, C. Z..	Champ'ico, Guat.	General	485
BonningtonCourt [2]	24	25	Brit...	Haldin & Phillips	Swansea, Wales..	Vancouver, B. C.	Ballast	.....
Jeff Davis [2]	25	25	Amer..	Amer.-Pioneer Line	Philadelphia, Pa.	Adelaide, Aust'lia	General	3,822
Trontolite [1] [2]	24	25	Brit...	Imperial Oil Ship. Co.	Halifax, N. S.	Talara, Peru	Ballast	.....
West Camargo	25	25	Amer..	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash..	General	2,921

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [8] Transport. [11] Mine planter. [13] For bananas and return to Cristobal. [14] For drydocking. [15] General, automobiles, etc. [16] Newsprint, automobiles. [17] Steel rails and ties.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Honolulan	25	25	Amer.	Chile Nit. Sales Corp.	Mobile, Ala.	Tocopilla, Chile	Ballast	.....
Pompano [7]	22	25	Amer.	U. S. Navy	Cristobal, C. Z.	Puntarenas, C. R.	Ballast	.....
Skagerak [2]	25	25	Nor.	Kawasaki K. Kaisha	New York, N. Y.	Japan	Scrap iron	7,248
Arima Maru [2]	25	25	Jap.	Nippon Yusen Kaisha	Bremen, Ger.	Yokohama, Japan	General	6,428
Vernon City	25	26	Brit.	Reardon-Smith Line	Mobile, Ala.	Osaka, Japan	Pig iron	8,000
Tacoma	25	25	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	(14)	3,050
F. J. Luckenbach	25	25	Amer.	Luckenbach Line	Mobile, Ala.	Seattle, Wash.	General	4,755
Vivi [1] [2]	25	25	Nor.	H. D. Simonsen & Co.	Falmouth, Eng.	Los Angeles, Cal.	Ballast	.....
Norvik [1] [2]	25	25	Pan.	JohanRasmussen&Co.	Hamburg, Ger.	Los Angeles, Cal.	Ballast	.....
Porto Bello [3]	25	25	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Athelprincess [1] [2]	25	26	Brit.	United Molasses Co.	Philadelphia, Pa.	Los Angeles, Cal.	Ballast	.....
Istmo	24	26	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	310
Ingerseks	26	26	Nor.	Chile Nit. Sales Corp.	Charleston, S. C.	Iquique, Chile	Ballast	.....
Eli [2]	26	26	Nor.	Anglo-Can. S. S. Co.	Antwerp, Belgium	Los Angeles, Cal.	Silver sand	6,000
La Plata Maru [2]	26	26	Jap.	Osaka Shosen Kaisha	BuenosAires, Arg.	Kobe, Japan	(16)	2,804
Fortuna [3]	25	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
San Calisto [1] [2]	26	27	Brit.	Eagle Oil & Ship. Co.	Curacao, N. W. I.	Antof'gasta, Chile	(17)	11,605
Frank [3]	25	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Enoch [3]	26	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[15]	.....	25
Col. Riche [5]	21	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Missourian [2]	26	27	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	4,114
Ahto [6]	24	29	Eston.	Charles Jenks	Miami, Fla.	Galapagos Is.	Ballast	.....
Chilore	27	27	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Santa Maria [2]	27	28	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	2,457
Huntress	27	27	Brit.	F. C. Hunter	Alexandria, Egypt	Iquique, Chile	Ballast	.....
Marian Otis Chandler.	27	27	Amer.	Matson Nav. Co.	New York, N. Y.	Honolulu, T. H.	General	1,962
Breekenridge [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Saguenay [9]	28	...	Brit.	Canadian Govt.	MontegoBay, Jam	Vancouver, B. C.	Ballast	.....
Moveria [2]	27	28	Brit.	Donaldson Line	Glasgow, Scot.	Vancouver, B. C.	General	612
K. I. Luckenbach	27	28	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,466
Virginia	28	29	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	3,374
Utahan	28	28	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Tacoma, Wash.	Pipe, gen.	2,599
Dresden [2]	27	28	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	2,630
Christiansborg	27	28	Dan.	H. H. Pike Trad. Co.	Habana, Cuba	Guayaquil, Ecua.	Sugar	4,420
Jutland	28	28	Brit.	Glen & Co	Cardiff, Wales	Vancouver, B. C.	Ballast	.....
Steel Exporter	29	29	Amer.	Isthmian S. S. Lines.	Portland, Me.	Honolulu, T. H.	(18)	7,218
Stella Polaris [6]	29	30	Nor.	Raymond & Whitcomb	New York, N. Y.	Round the world.	Passengers	.....
Uyo Maru [2]	29	29	Jap.	Mitsui Line	Philadelphia, Pa.	Dairen, China	Gen., steel	8,652
Temple Bar	29	29	Brit.	Temple S. S. Co.	Cardiff, Wales	Vancouver, B. C.	Ballast	.....
Mazatlan	29	30	Mex.	Maritima de Mazatlan	New York, N. Y.	Guaymas, Mex.	Ballast	.....
Nero [2]	28	29	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	33
Arizona	28	29	Fr.	French Line	Havre, France	Valparaiso, Chile.	General	1,232
Teesbank [2]	29	29	Brit.	Bank Line, Ltd.	SanDomingo, D.R	Auckland, N. Z.	Sugar	7,875
Enoch [3]	28	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[15]	.....	25
Ville d'Amiens	29	30	Fr.	Messageries Marili'es.	Marseille, France	Noumea, N. Caled	Iron, wine	1,182
Orazio [2]	29	30	Ital.	Italia S. A.	Genoa, Italy	Valparaiso, Chile.	General	574
Brandanger [2]	29	30	Nor.	General S. S. Corp.	BuenosAires, Arg.	Vancouver, B. C.	General	3,214
Clio [2]	29	30	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	51
Arizonan	29	30	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,922
Ciss	26	30	Nor.	Brovig	Barranquilla, Col.	Tumaco, Colom.	General	1,722
Elin K. [2]	30	30	Nor.	Chile Nit. Sales Corp.	Jacksonville, Fla.	Iquique, Chile	Ballast	.....
Washington Express. [2]	30	30	Nor.	Fruit Express Line	Glasgow, Scot.	Los Angeles, Cal.	Ballast	.....
Gannet [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Thrush [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Port Alma [2]	31	31	Brit.	Port Line, Ltd.	Glasgow, Scot.	Dunedin, N. Z.	General	4,361
Kinai Maru [2]	31	31	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	General	6,468
Gothic Star	31	31	Brit.	Blue Star Line	Tyne, England	Vancouver, B. C.	Ballast	.....
Washington [2]	31	31	Fr.	French Line	Havre, France	Vancouver, B. C.	General	3,759
Enoch [3]	29	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[15]	.....	25
San Gabriel	31	1	Amer.	Pac.-Atlantic S. S. Co.	New York, N. Y.	Tacoma, Wash.	General	2,467
Pereira	28	3	Pan.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	816
Amerikaland [2]	31	1	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Allende	1	1	Brit.	Sterns, Inc.	New Orleans, La.	Hongkong, China	Gasoline	6,245
Trois Ilets	30	1	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	Iron, gen.	70
Calmar	1	1	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	General	4,678
Durazzo	28	1	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	575
Winslow [5]	28	...	Amer.	U. S. Army	Cristobal, C. Z.	Ped. Miguel, C. Z.	Tow. barge	.....
Porto Bello [3]	1	1	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Orotava	1	2	Hond.	United Fruit Co.	Baltimore, Md.	Pto. Arm'les, R. P.	Ballast	.....
Point Palmas	1	2	Amer.	Swayne & Hoyt	Houston, Tex.	Tacoma, Wash.	General	4,787
Panaman	2	2	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	2,788
Fortuna [3]	1	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Nuevo Panama [2]	1	2	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	180
Musa	2	2	Pan.	United Fruit Co.	New York, N. Y.	Pto. Arm'les, R. P.	Ballast	.....
Prometheus [2]	2	2	Brit.	Alfred Holt & Co.	Philadelphia, Pa.	Hongkong, China	General	2,319

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [7] Submarine. [9] Destroyer. [10] Mine sweeper. [14] Cement, iron, general. [15] For bananas and return to Cristobal. [16] Coffee, tinplate. [17] Gasoline, kerosene. [18] Steel rails, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Lieut. Col. H. C. Schumm. [4]	1	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Sona [2]	1	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real [2]	1	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Erie [13]	3	...	Amer.	U. S. Navy	New York, N. Y.	Balboa, C. Z.	Ballast	.....
Lands End [6]	30	...	Brit.	H. Jeffery	Durban, Africa	Auckland, N. Z.	Ballast	.....
Tainui	3	4	Brit.	Shaw, Savill & Albion	London, England	Pt.Chalmers,N.Z.	General	3,690
Tuscaloosa City	2	3	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Seattle, Wash.	General	5,146
Silveryew [2]	3	3	Brit.	S. & J. Thompson	Boston, Mass.	Batavia, Java	General	3,551
Hindanger [2]	3	3	Nor.	Interocean S. S. Corp.	Rotterdam,Neth.	Los Angeles, Cal.	General	53
Pacific Reliance [2]	3	3	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	712
William Luckenbach.	3	3	Amer.	Luckenbach Line	Providence, R. I.	Seattle, Wash.	General	3,194
Tsuyama Maru	3	4	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Dairen, China	Cotton, steel	8,857
Liberty Glo	3	4	Amer.	McCormick S. S. Co.	Norfolk, Va.	Seattle, Wash.	General	6,483
Norden [2]	4	4	Dan.	Kawasaki K. Kaisha	Tampa, Fla.	Kobe, Japan	Gen., phos.	7,249
Gertrude Maersk [2]	4	4	Dan.	Isbrandtsen Moller Co.	Baltimore, Md.	Cebu, P. I.	General	4,054
Nojima Maru [2]	4	4	Jap.	Nippon Yusen Kaisha	Philadelphia, Pa.	Kobe, Japan	General	7,576
Stensby [2]	4	4	Dan.	Canadian Transp. Co.	Grangem'th, Eng.	Vancouver, B. C.	Ballast	.....
Cornwallis	4	4	Brit.	Chile Nit. Sales Corp.	Gultport, Miss.	Tocopilla, Chile	Ballast	.....
Armadale [2]	4	5	Brit.	Australia-Amer. Line.	New York, N. Y.	Adelaide, Aust'lia	General	3,851
Balboa [2]	31	4	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	General	5,877
Herman Frasch	4	4	Amer.	Union Sulphur Co.	Galveston, Tex.	Los Angeles, Cal.	Sulphur	5,465
Rolling Stone [6]	4	...	Pan.	Robert Wilcox	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
M-211 [5]	..	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Santa Inez [2]	4	5	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile	General	2,784
Valparaiso [2]	3	5	Swed.	Johnson Line	Malmo, Sweden	Valparaiso, Chile	Cement, gen.	3,601
Frida	5	5	Dan.	West Coast Line	New York, N. Y.	Talcahuano,Chile	General	1,906
Dinteldijk [2]	4	6	Neth.	Holland-Amer. Line	Rotterdam, Neth.	Victoria, B. C.	Gen., coke	2,561
Glasgow Maru	4	5	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Moji, Japan	Tinplate	7,715
Tolken	5	5	Swed.	Transatlantic S. S. Co.	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
Asosan Maru [2]	5	5	Jap.	Mitsui & Co.	Boston, Mass.	Dairen, China	(15)	6,845
Palatia [2]	4	5	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	La Libertad, Ecu.	General	1,463
Oregonian	5	5	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,316
Nyhorn [2]	5	5	Nor.	Knutsen Line	Norrkoping,Swed	Vancouver, B. C.	Ballast	.....
Nero [2]	3	5	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Tumaco, Colom.	General	.....
Istmo	31	5	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	260
Enoch [3]	4	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[14]	.....	25
Gripsholm [2]	5	6	Swed.	Swed.-Amer. Line	Goth'burg, Swed.	Goth'burg, Swed.	Passengers	.....
Loriga [2]	5	6	Brit.	Pac. Steam Nav. Co.	Hull, England	Magallanes, Chile	General	1,873
Kiyokawa Maru [2]	5	6	Jap.	K. Line	Baltimore, Md.	Dairen, China	Gen., steel	5,574
Firmore	5	6	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Rhea [1] [2]	5	6	Fr.	Cie Aux. de Nav. Co.	Dunkerque, Fr.	Talara, Peru	Ballast	.....
Australian Reefer[2]	6	6	Dan.	J. Lauritzen	Rotterdam, Neth.	Seattle, Wash.	Ballast	.....
Heffron	6	6	Amer.	Pac. Coast Dir. Line.	New York, N. Y.	Seattle, Wash.	Steel, gen.	2,895
Amasis	5	6	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	3,009
Italy Maru	6	6	Jap.	Kawasaki Kisen Co.	Houston, Tex.	Kobe, Japan	(16)	3,464
Ino [2]	5	6	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	63
Calgarolite [1] [2]	6	7	Brit.	Imperial Oil Co.	Halifax, N. S.	Ioco, B. C.	Ballast	.....
Borgestad [2]	6	7	Nor.	Canadian Transp. Co.	Turks Is., B.W.I.	Vancouver, B. C.	Salt	1,006
La Union [2]	5	...	Pan.	A. Valdes	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tivives	6	7	Amer.	United Fruit Co.	New York, N. Y.	Pto.Arm'les,R.P.	Ballast	.....
Temple Yard	6	7	Brit.	Canadian Transp. Co.	Antwerp, Belg.	Vancouver, B. C.	Ballast	.....
Minerva [2]	7	7	Nor.	Chile Nit. Sales Corp.	Charleston, S. C.	Tocopilla, Chile.	Ballast	.....
North Haven	7	7	Amer.	Northland Transp. Co.	Baltimore, Md.	Los Angeles, Cal.	(17)	5,614
Hoxbar [1]	7	7	Amer.	Petrol Corp.	Houston, Tex.	Los Angeles, Cal.	Gasoline	9,000
Caracas	6	7	Amer.	Alaska S. S. Co.	New York, N. Y.	Seattle, Wash.	Ballast	.....
Daldorch	7	7	Brit.	Anglo-Can. S. S. Co.	Cardiff, Wales	Vancouver, B. C.	Ballast	.....
Cerigo	4	7	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	317
Blairangus	7	7	Brit.	Seaboard Ship. Co.	Rotterdam,Neth.	Vancouver, B. C.	Ballast	.....
Acajutla	1	8	Brit.	Pac. Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	441
Telde	7	8	Hond.	United Fruit Co.	Baltimore, Md.	Pto.Arm'les,R.P.	Ballast	.....
Mount Helikon	7	8	Greek	Chile Nit. Sales Corp.	Alexandria,Egypt	Chile	Ballast	.....
Dessau	7	8	Ger.	North German Lloyd.	New Orleans, La.	Sydney, Australia	General	6,590
Teneriffa [2]	8	8	Nor.	W. Wilhelmsen	New Orleans, La.	Yokohama,Japan	Scrap iron	8,717
Mahana	8	8	Brit.	Shaw, Savill & Albion	London, England	Napier, N. Z.	General	6,500
Gannet [10]	4	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tai Yin [2]	8	8	Nor.	Barber Line	New York, N. Y.	Moji, Japan	Scrap, gen.	5,623
Edda	8	8	Ital.	Blue Star Line	Trieste, Italy	Vancouver, B. C.	Ballast	.....
Dalcairn	8	8	Brit.	Mitsui & Co.	Barry, England	Makatea	Ballast	.....
Trois Ilets	7	8	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	Ballast	.....
Porto Bello [3]	7	8	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Winslow [5]	5	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Helder	8	9	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	1,740
Florence Luckenbach.	8	9	Amer.	Luckenbach Line	Houston, Tex.	San Diego, Calif.	General	4,938
Munsterland [2]	8	9	Ger.	Hamburg-Amer. Line.	Houston, Tex.	Kobe, Japan	Cotton, zinc.	6,022
Indianan	9	9	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	2,586

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [10] Mine sweeper. [13] Gunboat.
[14] For bananas and return to Cristobal. [15] Steel, gasoline, etc. [16] Cotton, carbon black. [17] Tin, cardboard, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
San Francisco	8	9	Fr.	French Line	Havre, France	Vancouver, B. C.	General	2,074
Munchen [2]	9	9	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	3,000
Temple Mead	9	10	Brit.	Anglo-Can. S. S. Co.	S. Shields, Eng.	Vancouver, B. C.	Ballast	
Real [2]	8	9	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Panama, R. P.	Ballast	
Tuira [2]	8	9	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Panama, R. P.	Ballast	
Sona [2]	8	9	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Panama, R. P.	Ballast	
Portland [2]	9	11	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	1,296
City of Delhi	10	10	Brit.	Ellerman & Bucknall.	St. John, N. B.	Adelaide, Aust'lia	General	5,646
Vibran [2]	10	10	Nor.	Knutsen Line	Cardiff, Wales	Seattle, Wash.	Ballast	
Damsterdijk [2]	10	10	Neth.	Holland-Amer. Line.	Rotterdam, Neth.	Portland, Oreg.	General	2,566
Sambu [2]	9	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Gatun, C. Z.[15]		
M-101 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Vega	9	12	Amer.	U. S. Navy	San Diego, Calif.	Norfolk, Va.	General	1,626
Mayan	11	17	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	321
Patria	10	12	Cuban.	Cuban Government	B'ventura, Col.	Habana, Cuba		
Nuevo Panama [2]	11	12	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	82
Commissaire Ramel.	11	12	Fr.	Messageries Marit'es.	Noumea, N. Caled	Marseilles, Fr.	General	5,320
Gaelic Star	10	11	Brit.	Blue Star Line	N. Westm'er, B.C.	Newcastle, Eng.	C. S. & gen.	5,565
Santa Maria [2]	11	11	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	5,046
Augvald	11	12	Nor.	Continental Grain Co.	Dairen, China	Cobh, Ireland [16]	Soy beans	7,560
Limon	11	11	Amer.	United Fruit Co.	Pto. Arm'les, R.P.	Boston, Mass.	Bananas	943
S-47 [7]	11	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
S-44 [7]	11	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Real [2]	11	12	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	36
General W. M. Graham.[11]	11	19	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.		
Sona [2]	11	12	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	20
Chesapeake [1] [2]	12	12	Brit.	Anglo-Amer. Oil Co.	Talara, Peru	Aruba, N. W. I.	(17)	13,235
Leo Dawson	11	12	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [16]	Nit., potash	6,867
President Herrenschmidt.[1] [2]	12	12	Nor.	Soccomar, Paris	Talara, Peru	Antwerp, Belgium	Crude oil	13,135
California Standard.[1] [2]	12	12	Pan.	Standard Oil of Calif.	Estero Bay, Calif.	Havre, France	Crude oil	15,770
Chattanooga City.	12	12	Amer.	Isthmian S. S. Lines.	Portland, Oreg.	Liverpool, Eng.	General	7,209
Clearpool	12	12	Brit.	Empire Shipping Co.	Vancouver, B. C.	Hull, England	Wheat	8,500
Deroche [1]	11	13	Amer.	Union Oil of Calif.	Los Angeles, Cal.	Paulsboro, N. J.	(18)	7,618
Washingtonian	13	13	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	General	9,876
Gannet [4]	13	..	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Californian [2]	13	13	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	9,238
Steel Age	13	13	Amer.	Isthmian S. S. Lines.	Port Allen, T. H.	Baltimore, Md.	(19)	4,704
El Ciervo [1]	13	13	Brit.	Cosum. de Petrol, Fr.	Cabo Bl'co, Peru.	Donges, France	Crude oil	7,859
Thorsholm [1] [2]	13	14	Nor.	Anglo-Saxon, London.	Los Angeles, Cal.	Lands End [16]	Kerosene	13,790
S-46 [7]	13	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
S-42 [7]	13	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Oklahoman	13	13	Amer.	Amer.-Hawaiian Line.	Tocopilla, Chile	Savannah, Ga.	Nitrate	8,291
Launch	13	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	Ballast	
Amerikaland [2]	13	14	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,650
Katsuragi Maru [2]	14	14	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	Baltimore, Md.	Sugar, gen.	6,306
Hadleigh	14	14	Brit.	Seaboard Shipping Co.	Pt. Alberni, B. C.	London, England	Wheat, lum.	9,300
Nero [2]	14	15	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee, hides	146
Ino [2]	14	22	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	183
Elin K. [2]	14	14	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Wilmington, N.C.	Nit. of soda	8,324
Cerigo	14	17	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	720
Bushnell [13]	15	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Laila	14	15	Dan.	West Coast Line	Iquique, Chile	New York, N. Y.	Nit., beans	2,600
Point Ancha	15	15	Amer.	Swayne & Hoyt	Portland, Oreg.	Mobile, Ala.	General	4,719
Santa Elena	15	15	Amer.	Grace Line	S. Francisco, Cal.	New York, N. Y.	General	4,232
Moorby	15	15	Brit.	Anglo-Can. S. S. Co.	Pr. Rupert, B. C.	Falmouth, Eng.[16]	Wheat	8,380
Chile [2]	15	15	Swed.	Johnson Line	Valparaiso, Chile.	Stockholm, Swed.	Nitrate, gen.	5,970
La Paz [2]	15	15	Brit.	Pacific Steam Nav. Co.	Valparaiso, Chile.	Hull, England	Nitrate	8,315
Dallington Court.	15	15	Brit.	Anglo-Can. S. S. Co.	Seattle, Wash.	London, England	Wheat, lum.	10,000
Trois Ilets	15	17	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.		317
Jonna	15	16	Dan.	J. Lauritzen	N. Westm'er, B.C.	Liverpool, Eng.	Fresh fruit	1,200
Trekieve	15	15	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [16]	Nitrate	7,535
Sona [2]	15	16	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Porto Bello [2]	15	18	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(20)	9
Real [2]	15	16	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Soloy [2]	15	15	Nor.	Continental Grain Co.	Stockton, Calif.	Hull, England	Barley, wheat	7,925
King Robert	15	16	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	London, England	General	8,214
Cucuta [14]	5	16	Colom.	Colombian Govt.	Balboa, C. Z.	Cartegena, Colom		
Northleigh	15	18	Brit.	Anglo-Can. S. S. Co.	N. Westm'er, B.C.	London, England	Lumber, gen.	9,625

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [11] Mine planter. [13] Submarine tender. [14] Training ship. [15] For bananas and return to Cristobal. [16] For orders. [17] Gasoline, kerosene. [18] Gasoline, solvent. [19] Canned pineapples, cannec. [20] Plantains, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Massmar	15	16	Amer.	Calmar Line	Seattle, Wash.	Baltimore, Md.	[16]	6,020
Baldbutte [1]	16	16	Amer.	Shell Oil Co.	Los Angeles, Cal.	Habana, Cuba	Gasoline	8,882
Selma City	16	16	Amer.	Isthmian S. S. Lines	Pt. Angeles, Wash.	Baltimore, Md.	Lumber, gen.	7,788
Paul Luckenbach	16	16	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Gen., lumber	8,875
Rabaul [2]	16	16	Brit.	W. R. Carpenter & Co.	Rabaul, N. Guinea	London, England	[17]	8,569
Yamabiko Maru	16	17	Jap.	Yamashita Kisen K.	Osaka, Japan	Buenos Aires, Arg.	Oil cake, gen.	6,268
Cornwallis	16	17	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	New Orleans, La.	Nit., potash	8,000
Merope	16	17	Fr.	Raffineries de Berre	Talara, Peru	Pt. de Bouc, Fr.	Crude oil	10,182
San Antonio	16	17	Fr.	French Line	S. Francisco, Cal.	Rotterdam, Neth.	General	7,063
Santa Inez [2]	17	17	Amer.	Grace Line	Chanaral, Chile	New York, N. Y.	General	3,622
Iowan	17	17	Amer.	Amer.-Hawaiian Line	Seattle, Wash.	Boston, Mass.	General	6,828
Miss C. B. [2]	16	18	Brit.	Sanabris Mines	Tumaco, Colom.	Tampa, Fla.	Lumber	4
Brynymor	17	17	Brit.	Ambrose, Davies & Matthews.	S. Francisco, Cal.	Lourenca Marques, E. Africa	Lumber	8,000
Firmore	18	18	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,500
Napier Star	18	18	Brit.	Blue Star Line	Pt. Chalmers, N. Z.	London, England	Frozen, gen.	7,878
Fortuna [2]	18	19	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Colon, R. P.	Bananas	70
Istmo	18	19	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	[18]	654
Elbe [2]	18	19	Ger.	North German Lloyd.	Vancouver, B. C.	Bremen, Ger.	General	6,998
Salvador	18	25	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	594
Wichita [2]	18	19	Amer.	Roosevelt S. S. Co.	Saigon, China	Philadelphia, Pa.	Ore, general.	7,656
Frank [2]	18	22	Pan.	E. J. Hooper	Darien, R. P.	Cristobal, C. Z.	Bananas	30
Minerva	18	19	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Brunswick, Ga.	Nit. of soda	9,420
San Pablo [13]	15	19	Amer.	U. S. A. Engineers	S. Francisco, Cal.	Jacksonville, Fla.	.....	.....
Keiyo Maru [2]	19	19	Jap.	Nippon Yusen Kaisha	Iloilo, P. I.	Baltimore, Md.	Sugar, gen.	4,250
Port Hunter	19	19	Brit.	Port Line	Napier, N. Z.	London, England	Frozen, gen.	7,623
Europa [2]	19	19	Dan.	East Asiatic Co.	Vancouver, B. C.	Hull, England	[19]	9,304
Winslow [5]	19	..	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Dorothy Luckenbach.	19	20	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Gen., lumber	9,765
Pomona	20	20	Amer.	Weyerhaeuser S. S. Co	Portland, Oreg.	Norfolk, Va.	General	9,889
Kansai Maru [2]	20	21	Jap.	Osaka Shosen Kaisha.	Keelung Japan	Baltimore, Md.	General	3,141
Anglo Canadian [2]	20	20	Brit.	Trinder Anderson	Sydney, Aust'lia.	Marseilles, Fr.	Ore, copra	8,800
Chateau Thierry	19	20	Amer.	U. S. Army	Honolulu, T. H.	New York, N. Y.	General	626
Tongariro	20	21	Brit.	N. Z. Shipping Co.	Pt. Chalmers, N. Z.	Hamburg, Ger.	Frozen, gen.	6,174
Olympia Maru [2]	20	21	Jap.	Mitsubishi Trad. Co.	Dairen, China	Lands End [15]	Soy beans	8,553
Brimanger [2]	20	21	Nor.	Interocean S. S. Co.	Vancouver, B. C	Rotterdam, Neth.	General	7,289
Geddington Court	20	21	Brit.	Canadian Transp. Co.	Vancouver, B. C.	London, England	[20]	9,653
Corrientes	20	21	Brit.	Donaldson Line	Vancouver, B. C.	Glasgow, Scot.	Fruit, gen.	5,606
Henderson	20	24	Amer.	U. S. Navy	S. Francisco, Cal.	Norfolk, Va.	General	302
Canadian Challenger.	20	22	Brit.	M. A. N. Z. Line	Sydney, N. S. W.	Halifax, N. S.	Sugar, logs	4,699
Edgar F. Luckenbach.	21	21	Amer.	Luckenbach-Gulf Co.	Portland, Oreg.	Mobile, Ala.	General	5,284
San Clemente	21	21	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,047
Manizales	21	23	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,049
Karnak	21	21	Ger.	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	8,076
Pennsylvanian	21	21	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	6,702
Virgilio [2]	21	22	Ital.	Societa Italia	Valparaiso, Chile.	Genoa, Italy	General	2,530
Nuevo Panama [2]	22	23	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	99
Pompano [7]	19	..	Amer.	U. S. Navy	Mare Island, Cal.	Coco Solo, C. Z.	.....	.....
Trois Ilets	21	23	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	345
King Edgar [2]	21	22	Brit.	Canadian Transp. Co.	N. Westm'er, B. C.	Immingham, Eng.	Lumber	7,625
Axel Johnson [2]	22	23	Swed.	Red. A/B Nordstjernan	N. Westm'er, B. C.	Stockholm, Swed.	[21]	5,479
Scottsburg	22	22	Amer.	Lykes Bros.-Ripley	Kobe, Japan	New Orleans, La.	Sugar, copra	8,945
Porto Bello [2]	22	25	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	[22]	12
Lt. Col. H. C. Schumm. [4]	22	..	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
La Union [2]	22	23	Pan.	A. A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	40
Tricolor [2]	22	24	Nor.	Barber Line	Lalawigan, P. I.	New York, N. Y.	General	8,159
Clio [2]	23	24	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, hides	293
Sea Thrush	23	23	Amer.	Shepard S. S. Co.	Pt. Angeles, Wash.	Boston, Mass.	Lumber, gen.	7,278
Houston City [2]	23	23	Brit.	States Marine Corp.	Portland, Oreg.	Liverpool, Eng.	Wheat, cotton	7,287
Salawati [2]	23	23	Neth.	Silver Java Pac. Line.	Calcutta, India	New Orleans, La.	[23]	6,706
Beldagny	23	23	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [15]	Nitrate	6,510
Asaka Maru [2]	23	23	Jap.	Nippon Yusen Kaisha	Nagasaki, Japan	Hamburg, Ger.	[24]	5,917
Nitro [14]	10	..	Amer.	U. S. Navy	Balboa, C. Z.	Norfolk, Va.	.....	.....
Nestos	23	24	Greek.	Ventas de Saletre	Antof'gasta, Chile	Azores [15]	Nitrate	8,500
Paula	23	24	Dan.	West Coast Line	San Antonio, Chile	New York, N. Y.	Nitrate	2,420
Mobilgas [1]	24	24	Amer.	Socony Vac. Oil Co.	Los Angeles, Cal.	Providence, R. I.	Gasoline	14,669
Justitia	24	24	Brit.	Andrew Weir & Co.	Suva, Fiji Islands	Falmouth [15]	Sugar	8,327
Benjamin Franklin. [2]	24	25	Nor.	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	[25]	7,776
Istmo	24	26	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	[26]	668
St. Mihiel [8]	23	26	Amer.	U. S. Army	S. Francisco, Cal.	Brooklyn, N. Y.	Army stores.	207
California	24	25	Amer.	United States Lines	S. Francisco, Cal.	New York, N. Y.	General	6,685

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [8] Transport. [13] Dredge. [14] Auxiliary. [15] For orders. [16] Lumber, copper slabs. [17] Ore, copper, wool. [18] Coffee, empty drums. [19] Lumber, barley, general. [20] Wood, pulp, wheat. [21] Fruit, coffee, general. [22] Plantains, logs. [23] Lumber, machinery. [24] Canned goods, general. [25] Fruit, wheat, general. [26] Coffee, empty bottles.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Arawa	24	25	Brit...	Shaw, Savill & Albion	Auckland, N. Z..	London, England	Frozen, gen.	5,467
Pacific Grove [2]	25	25	Brit...	Furness, Withy & Co.	Victoria, B. C...	Glasgow, Scot...	General	8,584
Ronda [2]	25	25	Nor...	Mitsui Bussan Kaisha	Iloilo, P. I.	New York, N. Y.	General	5,247
Theofano Livanos	25	25	Greek.	Chile Nit. Sales Corp.	Tocopilla, Chile..	Azores [13]	Nitrate	8,575
Fortuna [2]	25	26	Pan...	Elliot Ship. & Land Co.	Real, R. P.	Colon, R. P.	Bananas	45
Empire Star [2]	25	25	Brit...	Blue Star Line	N.Plymouth,N.Z.	London, England	Frozen, gen.	8,624
Santa Clara	24	25	Amer..	Grace Line	SanAntonio,Chile	New York, N. Y.	([14])	5,761
Puerto Rican	24	25	Amer..	Chile Nit. Sales Corp.	Tocopilla, Chile..	Savannah, Ga.	Nitrate	9,165
Herman F. Whiton	25	25	Amer..	Dutton Lumber Corp.	Everett, Wash.	New York, N. Y.	Lumber	7,150
Redsea	25	26	Brit...	Anglo-Can. Trad. Co.	Vancouver, B. C.	London, England	Pulp, lumber	8,700
Frank [2]	25	26	Pan...	E. J. Hooper	Darien, R. P.	Cristobal, C. Z..	Bananas	34
President de Vogue.[1] [2]	25	26	Nor...	Raffineries de Berre..	Talara, Peru	Pt. de Bouc, Fr..	Crude oil	13,600
West Cape	25	26	Amer..	McCormick S. S. Co.	Townsend, Wash.	Philadelphia, Pa.	Lumber, gen.	7,992
Olaf Bergh	26	27	Nor...	Continental Grain Co.	Pr. Rupert, B. C.	Cobh, Ireland [13]	Wheat	8,200
Winslow [5]	26	1	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z..	Tow. barge..	.....
Bethore	27	27	Amer..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore	21,200
Keisho Maru	26	27	Jap...	Showa Kaisha	Santa Nino, P. I.	New York, N. Y.	Sugar, gen..	7,927
Julia Luckenbach.	27	27	Amer..	Luckenbach Line	Seattle, Wash...	Boston, Mass.	([15])	8,236
San Bernardino	27	27	Amer..	Seaboard Ship. Co.	N.Westm'er,B.C.	N. London, Conn	Lumber	7,560
S-45 [7]	27	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z..	.....	.....
Domingo de Larrinaga.	27	28	Brit...	Chile Nit. Sales Corp.	Taltal, Chile	Azores [13]	Nitrate	8,500
Mallard [4]	28	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z..	.....	.....
Santore	27	28	Amer..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore	11,200
S. C. T. Dodd [1]	28	28	Amer..	Standard Oil of Calif.	S. Francisco, Cal.	Providence, R. I.	Furnace oil..	9,311
West Ivis	28	31	Amer..	McCormick S. S. Co.	Seattle, Wash.	BuenosAires,Arg.	Lumber, gen.	6,947
Hazelside	28	29	Brit...	Canadian Transp. Co.	Vancouver, B. C.	Hull, England	([16])	7,136
Nero [2]	28	29	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z..	Coffee, gen..	565
Pereira	28	1	Pan...	Grace Line	Champ'ico, Guat.	Cristobal, C. Z..	General	792
Helga	28	29	Dan...	J. Lauritzen	Tocopilla, Chile..	New York, N. Y.	Nit., beans..	2,690
Titanian	28	29	Nor...	Hilmar Reksten	Manila, P. I.	New Orleans, La.	Sugar	7,850
Ohioan	28	29	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Baltimore, Md...	Lumber, gen.	7,517
Mexican	29	29	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Boston, Mass.	General	7,903
Dovrefjell [1]	28	29	Nor...	Aguila Soc. Anonima.	San Luis, Calif..	Trieste, Italy	([17])	8,395
Clio [2]	24	30	Neth..	Royal Neth. S. S. Co.	Balboa, C. Z.	Cristobal, C. Z..	Ballast	.....
Frank [2]	28	...	Pan...	E. J. Hooper	Darien, R. P.	Cristobal, C. Z..	Bananas	30
Porto Bello [2]	29	1	Pan...	A. Tagaropulos	Darien, R. P.	Colon, R. P.	([18])	17
Point Clear	29	30	Amer..	Gulf-Pacific Line	Portland, Oreg...	Panama City, Fla.	Lumber, gen.	5,365
Durazzo	29	1	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z..	General	1,108
Coloradan	29	30	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Baltimore, Md...	Lumber, gen.	4,650
Arizona [1]	29	30	Amer..	The Texas Co.	Los Angeles, Cal.	Pt. Arthur, Tex..	Gasoline	6,362
Skjelbred [2]	29	30	Nor...	Kawasaki K. Kaisha..	Osaka, Japan	Houston, Tex.	General	5,791
Alabama	30	31	Fr...	French Line	Valparaiso, Chile.	Havre, France...	([19])	8,338
Greek Mariner	30	30	Greek.	A. Garson & Co.	B'ventura, Col...	Lands End [13]	Scrap iron...	2,823
Trois Ilets	30	1	Fr...	French Line	B'ventura, Col...	Cristobal, C. Z..	Coffee	300
Steelore	30	31	Amer..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore	21,000
Minnesotan	30	31	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass.	General	5,456
Moldanger [2]	31	31	Nor...	Westfal, Larsen & Co.	Vancouver, B. C.	Rotterdam,Neth.	Wheat, gen..	8,417
Alkmaar	31	31	Neth..	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger...	General	10,744
Oropesa	31	1	Brit...	Pacific Steam Nav.Co.	SanAntonio,Chile	Liverpool, Eng..	General	10,022
Henry D. Whiton	31	31	Amer..	Dutton Lumber Corp.	Tacoma, Wash..	Camden, N. J.	Lumber	5,362
Istmo	31	5	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee	655
Barrgrove	31	1	Brit...	Chile Nit. Sales Corp.	Antof'gasta,Chile	Gibraltar[13]	Nitrate	7,620
Naumburg	31	1	Ger...	Hamburg-Amer. Line.	Dunedin, N. Z.	New York, N. Y.	Ironore,wool	6,823
Nuevo Panama [2]	1	2	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	88
British Columbia Express.[2]	1	1	Nor...	Fruit Express Line	Tacoma, Wash..	Glasgow, Scot...	Fresh fruit..	2,458
Wisconsin	1	2	Fr...	French Line	Vancouver, B. C.	Havre, France...	General	8,000
Fortuna [2]	1	2	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	71
Winona	1	1	Amer..	Weyerhaeuser S.S. Co.	S. Francisco, Cal.	Baltimore, Md...	([20])	8,181
Acajutla	1	8	Brit...	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z..	General	579
Hopestar	1	1	Brit...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Lisbon, Portu. [13]	Nit. of soda.	9,200
Elisabeth Bakke [2]	1	1	Nor...	Knutsen Line	Vancouver, B. C.	English ports.	General	6,874
El Oso [1]	1	1	Brit...	C. T. Bowring & Co.	Cabo Bl'co, Peru	Ellesm'rePt.,Eng.	([21])	9,919
Real [2]	1	2	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	27
Sona [2]	1	2	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	20
Lieut. Col. H. C. Schumm.[4]	1	2	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z..	Tow. barge..	.....
Santa Barbara [2]	1	2	Amer..	Grace Line	SanAntonio,Chile	New York, N. Y.	General	5,431
Lochgoil [2]	1	2	Brit...	N. Pac. Coast Line	Vancouver, B. C.	Rotterdam,Neth.	General	9,109
Pacific Enterprise[2]	1	2	Brit...	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot...	General	8,590
Eskdalegate	1	2	Brit...	Chile Nit. Sales Corp.	Antof'gasta,Chile	Azores [13]	Nit. of soda.	7,366
Trimountain [1]	1	2	Amer..	Shell Oil Co.	Los Angeles, Cal.	PerthAmboy,N.J	([22])	9,059
City of Glasgow	31	3	Brit...	M. A. N. Z. Line	Bluff, N. Z.	Halifax, N. S.	General	1,562
Sonnavind [2]	2	2	Nor...	Anglo-Can. S. S. Co..	Cowichan, B. C..	Grangem'th,Scot.	Lum., spelter	7,722
Kano Maru [2]	2	2	Jap...	Kokusai Kisen Kaisha	Manila, P. I.	St. John, N. B.	General	7,044
Modavia [2]	2	2	Brit...	Donaldson Brothers..	Vancouver, B. C.	Glasgow, Scot...	Fruit, gen...	5,654

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [13] For orders. [14] Coffee, copper. general. [15] Canned fruit, general. [16] Wheat, lumber, general. [17] Crude mineral oil. [18] Plantains, lumber. [19] Copper, concentrates. [20] Lumber. copper, general. [21] Grades A and C oil. [22] Kerosene, solvent.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Trontolite [1] [2]	2	3	Brit.	Imperial Oil Ship. Co.	Talara, Peru	Halifax, N. S.	Gasoline	7,502
American	2	3	Amer.	Amer.-Hawaiian Line.	Tacoma, Wash.	Boston, Mass.	Lumber, gen.	6,194
Nurnberg [2]	3	4	Ger.	North German Lloyd.	Talcahuano, Chile	Hamburg, Ger.	General	6,876
Vestvard [2]	2	3	Nor.	N. Negros Sugar Co.	Iloilo, P. I.	E. coast, U.S.A.	Sugar	7,200
Mersington Court	2	3	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Gibraltar [13]	Nit. of soda	7,266
Scottish Minstrel [1] [2]	3	5	Brit.	Standard Oil of N. J.	Talara, Peru	Vallo, Norway	Crude oil	6,825
Nero [2]	3	5	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	546
Uranienborg	3	3	Dan.	Chile Nit. Sales Corp.	Iquique, Chile	Jacksonville, Fla.	Nitrate	6,085
Gypsum Prince	3	...	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Gamboa, C. Z.	Nit. of soda	6,300
Benarty	3	4	Brit.	C. R. Seales & Co.	Pt. Chalmers, N.Z.	Antwerp, Belg.	(14)	6,777
Walter A. Luckenbach.	3	4	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	7,157
Cerigo	3	7	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,159
Altair	3	5	Ger.	North German Lloyd.	Champ'ico, Guat.	Amsterdam, Neth	Coffee, sugar	2,659
Darlington Court [2]	4	4	Brit.	Seaboard Shipping Co.	Pt. Alberni, B. C.	London, England	Lumber, oats	7,598
Portmar	3	4	Amer.	Calmar S. S. Corp.	Pt. Angeles, Wash.	New York, N. Y.	Lumber	6,755
Lena Luckenbach	4	4	Amer.	Luckenbach Gulf Co.	Portland, Oreg.	Mobile, Ala	Lumber, gen.	6,558
Lautaro [2]	4	4	Brit.	Pacific Steam Nav. Co.	Talcahuano, Chile	Liverpool, Eng.	General	8,479
Corabella	4	5	Brit.	Canadian Transp. Co.	Vancouver, B. C.	London, England	(15)	7,550
Viking Star	4	5	Brit.	Blue Star Line	N.Westm'er, B.C.	Newcastle, Eng.	Frozen, gen.	4,601
Gannet [4]	4	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Nankai Maru [2]	4	5	Japan.	Osaka Shosen Kaisha.	Dairen, China	Baltimore, Md.	General	2,004
Winslow [5]	4	8	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
H. M. Storey	4	5	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Baltimore, Md.	Furnace oil	14,542
Loosdrecht [1] [2]	4	5	Neth.	Shell Oil Co.	Los Angeles, Cal.	Curacao, N.W.I.	Gasoline	14,007
Orotava	5	5	Hond.	United Fruit Co.	Pto. Arm'les, R.P.	Mobile, Ala	Bananas	1,000
Everleigh	3	3	Brit.	Canadian Transp. Co.	Victoria, B. C.	Immingham, Eng.	Lum., grain	9,000
Phantom	4	...	Amer.	E. G. Willett	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Timber Rush	5	5	Amer.	Shepard S. S. Co.	Seattle, Wash.	New York, N. Y.	Lumber, gen.	6,649
Caroline [2] [6]	5	5	Amer.	W. F. O'Toole	Los Angeles, Cal.	Galveston, Tex.	Ballast	.....
Ino [2]	5	6	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	550
Musa	5	5	Pan.	United Fruit Co.	Pto. Arm'les, R.P.	New York, N. Y.	Bananas	1,500
Oakland [2]	5	6	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	7,139
Rangitane [2]	5	5	Brit.	N. Z. Shipping Co.	Auckland, N. Z.	London, England	Frozen, gen.	6,321
Thrush [4]	5	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
La Union [2]	5	6	Pan.	A. A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	29
Porto Bello [2]	5	5	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	(16)	10
Marchen Maersk [2]	5	7	Dan.	A. P. Moller	Cebu, P. I.	New York, N. Y.	General	5,635
Northmoor [2]	2	6	Brit.	Osaka Shosen Kaisha.	Osaka, Japan	Buenos Aires, Arg.	Carbide, gen.	4,027
Camden [1]	6	6	Amer.	Shell Oil Co.	Los Angeles, Cal.	Sewaren, N. J.	Gasoline	8,528
Roda [2]	7	7	Ger.	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	7,777
Monkleigh	7	7	Brit.	Seaboard Ship. Co.	Pt. Alberni, B. C.	Liverpool, Eng.	(17)	8,695
Trois Ilets	7	8	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	261
Norne [2]	7	7	Nor.	Louis Dreyfus & Co.	Rashin, Korea	Karlshamn, Swed.	Soy beans	6,186
Santa Rita [2]	7	7	Amer.	Grace Line	Antof'gasta, Chile	New York, N. Y.	(18)	3,516
Mayan	7	...	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	716
Ferneliff [2]	7	7	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Lake Charles, La.	Nit., potash	7,765
Cubore	7	7	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,100
Torvanger	6	7	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrate	10,030
Alabaman	7	7	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	General	6,247
Amagisan Maru [2]	7	7	Jap.	Mitsui Bussan Kaisha	Yokohama, Japan	Baltimore, Md.	Silk, gen.	8,058
D. G. Seofield [1]	7	7	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Providence, R. I.	Pet. asphalt	11,037
Pennsylvania	7	8	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	Fruit, gen.	6,971
Lebore	8	8	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,300
California Express [2]	7	8	Nor.	Fruit Express Line	Seattle, Wash.	Glasgow, Scot.	Fresh fruit	1,734
Ciss	8	9	Nor.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	882
New Orleans [2]	7	9	Amer.	Roosevelt S. S. Co.	Santo Nino, P. I.	Philadelphia, Pa.	Sugar, gen.	7,989
Kentuckian	7	8	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	4,850
Vinland [2]	7	8	Nor.	Dan.-Scand.-Syd.-Pac	Valparaiso, Chile.	Goth'burg, Swed.	General	6,864
Leiv Eiriksson [1] [2]	7	8	Nor.	C. Dewry & Co.	Lobitos, Peru	Donges, France	Crude oil	14,005
Gypsum Prince	3	8	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Wilmington, N.C.	Nit. of soda	6,300
Frankfurt	8	9	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	(19)	7,990
San Felipe	8	9	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	8,071
Sona [2]	8	9	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Real [2]	8	9	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	32
Tuira [2]	8	9	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	55
Chilean Reefer [2]	8	9	Dan.	J. Lauritzen	Tacoma, Wash.	Haifa, Palestine	Fruit, gen.	1,644
Lochmonar [2]	8	10	Brit.	Royal Mail Line, Ltd.	Victoria, B. C.	Rotterdam, Neth.	General	9,332
J. L. Luckenbach.	9	9	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	5,950
City of Rayville [2]	9	10	Amer.	Roosevelt S. S. Co.	Sydney, Aust'lia	New York, N. Y.	General	6,225
Dalblair	9	10	Brit.	Campbell Brothers	Vancouver, B. C.	London, England	Lumber, gen.	7,881
Demeterton	10	10	Brit.	Balfour, Guthri & Co.	Portland, Oreg.	Cobh, Ireland [13]	Wheat	8,090
Tivives	10	10	Amer.	United Fruit Co.	Pto. Arm'les, R.P.	New York, N. Y.	Bananas	1,500
Beatus	10	10	Brit.	Andrew Weir & Co.	Makatea, Tuam'o	Limhamn, Swed.	Phosphate	7,800
Fordsdale	10	10	Brit.	Shaw, Savill & Albion	Pt. Chalmers, N.Z.	London, England	Frozen, gen.	5,701
Weser [2]	10	11	Ger.	North German Lloyd.	Vancouver, B. C.	Bremen, Ger.	General	8,972
Ionie Star	10	11	Brit.	Blue Star Line	N.Westm'er, B.C.	Newcastle, Eng.	Frozen, gen.	5,789

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [6] Yacht. [13] For orders. [14] Wool, zinc ore. [15] Lumber, grain, general. [16] Plantains, logs. [17] Wheat, barley, lumber. [18] Copper, bananas, coffee. [19] Lentils, saltpetre, copper.

THE PANAMA CANAL RECORD

OFFICIAL PUBLICATION OF THE PANAMA CANAL

PUBLISHED MONTHLY

Subscription rates, domestic, $0.50 per year; foreign, $1.00; address The Panama Canal Record, Balboa Heights, Canal Zone, or, for United States and foreign distribution, The Panama Canal, Washington, D. C.

Entered as second-class matter February 6, 1918, at the Post Office at Cristobal, C. Z., under the Act of March 3, 1879.

Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Volume XXXI Balboa Heights, C. Z., March 15, 1938 No. 8

Traffic Through the Panama Canal in February 1938

The total vessels of all kinds transiting the Panama Canal during the month of February 1938, and for the same month in the two preceding years, are shown in the following tabulation:

	February 1936	February 1937	February 1938		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	452	377	234	202	436
Small commercial vessels [1]	57	78	42	31	73
Noncommercial vessels:					
United States Government	33	45	22	12	34
State of California	1	.....	.....	.....	.....
For repairs	.....	.....	.....	1	1
Total	543	500	298	246	544

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the 12 months ended February 28, 1938, as compared with the previous 12 months:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8
March	526	536	2,714,768	2,770,451	2,634,150	3,016,418	$2,293,874.51	$2,355,149.04
April	482	473	2,483,561	2,460,549	2,430,134	2,652,880	2,079,730.70	2,067,026.68
May	488	544	2,504,215	2,839,127	2,419,652	2,950,925	2,081,103.73	2,376,706.36
June	481	472	2,449,127	2,450,018	2,459,752	2,670,466	2,073,359.39	2,070,337.89
July	456	457	2,364,539	2,395,306	2,450,324	2,476,366	1,999,105.18	2,029,642.45
August	473	505	2,398,306	2,597,119	2,396,331	2,780,603	2,051,540.28	2,195,308.87
September	466	444	2,428,317	2,312,725	2,526,366	2,385,142	2,045,440.82	1,935,673.78
October	482	461	2,499,678	2,359,406	2,463,069	2,438,788	2,081,758.23	1,981,087.87
November	368	435	1,768,738	2,280,565	1,747,368	2,185,283	1,488,054.25	1,893,462.00
December	341	439	1,655,501	2,238,271	1,538,503	2,046,170	1,366,388.58	1,845,048.20
January	399	444	1,915,787	2,219,496	1,855,937	2,095,402	1,598,323.51	1,837,894.72
February	377	436	1,940,611	2,154,222	1,839,788	1,998,827	1,602,306.30	1,786,611.45
Total	5,339	5,646	27,123,148	29,077,255	26,761,374	29,697,270	22,760,985.48	24,373,949.31

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons measurement (Panama Canal net), which transited the Panama Canal during the month of February 1938. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	42	2,031	$1,895.23	571
Pacific to Atlantic	31	1,892	2,016.95	1,637
Total	73	3,923	3,912.18	2,208

Traffic by Nationality of Vessels[3] for February 1938

Nationality	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
British	[4] 105	571,151	$484,451.01	525,558
Danish	15	62,945	44,965.37	47,047
French	8	45,748	36,533.42	43,802
German	33	146,917	119,640.00	114,854
Greek	7	34,043	28,023.20	43,616
Honduran	8	13,916	12,969.76	3,039
Italian	3	19,806	14,306.87	2,754
Japanese	24	145,789	131,244.35	159,464
Netherlands	26	83,075	67,850.00	61,110
Norwegian	58	270,288	208,034.64	278,739
Panamanian	16	33,037	29,003.42	23,137
Peruvian	1	2,310	2,581.25	1,962
Philippine	1	9,018	6,492.96	.....
Swedish	11	61,416	45,301.79	62,472
Union of Soviet Socialist Republics	1	2,016	2,106.25	2,175
United States	119	652,747	553,107.16	629,098
Total	436	2,154,222	1,786,611.45	1,998,827

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement. [4] Includes 1 naval vessel, 1,540 displacement tons.

Traffic by Trade Routes for February 1938

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	43	235,604	150,994	35	217,606	255,084
East coast United States and:						
Canada	3	12,774	10,883	1	4,834	7,750
Central America	9	21,635	.....	8	20,523	8,716
South America	22	123,660	22,144	23	107,439	224,150
Balboa	1	4,231	8,664	.....	.....	.....
West Indies	1	5,450	2,672	2	9,743	11,906
Australasia	6	34,187	37,792	3	15,695	20,200
Philippine Islands	5	29,569	24,483	13	76,421	98,256
Far East	22	120,340	144,909	5	27,888	15,662
Canadian intercoastal	1	5,882	2,065	.....	.....	.....
East coast Canada and:						
South America	1	7,717	.....	1	4,455	7,502
Australasia	2	15,877	11,149	2	11,363	7,973
Far East	3	16,763	20,566	.....	.....	.....
South American intercoastal	1	2,310	1,962	.....	.....	.....
East coast South America and:						
Canada	1	4,375	3,766	.....	.....	.....
Far East	2	13,305	11,901	1	4,612	4,027
Cristobal and:						
Central America	7	6,026	3,687	4	3,727	3,196
South America	14	8,636	2,980	16	10,021	9,754
West Indies and:						
United States	1	5,202	.....	2	12,883	25,809
Canada	1	3,235	1,006	.....	.....	.....
Central America	1	1,815	.....	.....	.....	.....
South America	3	15,552	29,993	1	7,214	14,966
Balboa	2	10,687	17,724	.....	.....	.....
Europe and:						
United States	7	28,962	5,770	5	31,176	43,712
Canada	30	164,192	33,218	37	201,314	273,282
Central America	6	22,071	5,336	3	11,537	13,640
South America	16	86,570	44,040	23	116,009	184,620
Australasia	10	80,163	54,180	10	74,649	65,187
Far East	2	15,363	.....	2	9,442	11,936
Egypt and South America	1	4,560	.....	3	13,641	25,060
Asia and United States	.....	.....	.....	1	2,039	1,644
Around the world	3	30,720	6,733	1	6,037	6,178
Foreign vessels in ballast (United States intercoastal)	4	13,645	.....	.....	.....	.....
Vessels not engaged in commerce	[5] 3	2,876	.....	.....	.....	.....
Total	234	1,153,954	658,617	202	1,000,268	1,340,210

[5] Two yachts, 1 naval vessel (1,540 displacement tons).

Origin and Destination of Cargo by Major Areas

The following table summarizes the origin of cargo passing through the Canal in February 1938, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	161,550	25,300	191,136	16,786	34,079	428,851
Other North America	2,631	25,159	6,391	42,667	17,399	94,247
Europe	26,225	12,726	.....	33,247	53,560	125,758
Miscellaneous	4,722	238	2,795	2,006	.....	9,761
Total	195,128	63,423	200,322	94,706	105,038	658,617

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	246,793	43,927	152,151	5,449	448,320
Canada	7,750	2,769	157,828	.....	168,347
Other North America	20,622	3,360	8,383	.....	32,365
South America	226,472	34,712	188,075	16,793	466,052
Australasia	22,600	5,777	64,983	.....	93,360
Asia	114,652	1,666	11,936	3,512	131,766
Total	638,889	92,211	583,356	25,754	1,340,210

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during February 1938 or February 1937, are listed below:

Commodity	February		Commodity	February	
	1937	1938		1937	1938
Atlantic to Pacific			*Pacific to Atlantic*—Continued		
Asphalt and tar	14,567	10,656	Beans, edible	17,974	12,162
Automobiles and parts	25,487	22,020	Canned goods	48,393	58,750
Canned goods	9,162	10,183	Coffee	19,813	19,764
Cement	15,849	10,227	Cold storage (food products) [6]	27,950	26,847
Cotton, raw	33,781	26,221	Copra	12,661	14,233
Iron and steel	86,661	112,019	Flour	9,254	18,917
Machinery	11,906	9,279	Fruit, dried	7,980	17,839
Metals, various	29,806	47,819	Fruit, fresh [7]	23,058	42,108
Oils, mineral	50,871	92,950	Lumber	131,558	202,129
Paper	31,350	26,816	Metals, various	44,172	54,079
Phosphates	9,466	11,290	Molasses and syrups	10,376	9,010
Scrap metal	79,905	32,836	Nitrates	130,682	196,942
Slag	21,143	15,935	Oils, mineral	256,152	155,796
Sulphur	8,562	17,708	Oils, vegetable	17,959	16,856
Tinplate	23,277	15,259	Ores, various	91,265	160,765
			Soy beans	16,947	6,186
Pacific to Atlantic			Sugar	96,870	81,370
Asphalt and tar	14	11,754	Wheat	115,064	68,356
Bananas	1,351	10,242	Wood pulp	647	11,428
Barley	5,019	18,040	Wool	14,515	12,720

[6] Except fresh fruit. [7] Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of February 1938, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small

items are frequently grouped under the designation of "general cargo"; the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	64	21	94
Agricultural implements	1,328	86	5,612	86
Alfalfa meal	.....	345	.....	425
Ammonium compounds	235	.....	2,714	.....
Animal foods [8]	26	92	56	1,069
Apparel, wearing (hats, shoes, clothing, etc.)	134	1	134	2
Asbestos	408	15	3,155	15
Asphalt and tar	191	11,037	10,656	11,754
Automobiles (and autotrucks)	1,667	123	13,298	151
Automobile parts and accessories	640	154	8,722	177
Bags and bagging, textile	19	.....	137	.....
Bamboo and products	.....	14	.....	393
Bananas	.....	.....	.....	10,242
Barks, miscellaneous	.....	17	.....	219
Barley	.....	22	.....	18,040
Beans, edible, dry	75	4,298	246	12,162
Beer	101	.....	179	.....
Beverages, nonalcoholic	35	61	35	78
Blood and tankage	.....	.....	128	75
Bones and bone meal	.....	3	583	3
Books and printed matter	378	13	458	13
Borax	15	387	153	4,839
Bran and pollards	17	.....	17	1,453
Bricks and tile	34	28	334	38
Camphor, crude	.....	.....	.....	3
Canned and preserved goods:				
Fish	451	6,669	710	9,438
Fruit	1,976	14,705	1,985	32,785
Meat	366	324	566	505
Milk	316	275	635	473
Soup	3,390	675	3,415	676
Vegetables	996	7,551	1,068	7,858
Miscellaneous and unclassified	696	3,673	1,804	7,015
Carbon black	27	.....	763	.....
Celite	.....	429	.....	468
Cement	224	253	10,227	253
Chalk	30	.....	85	.....
Charcoal	41	.....	111	.....
Chemicals [8]	3,652	2,054	9,401	2,718
Clay, china and fire	88	179	89	287
Clay, filtering	.....	249	.....	249
Coal	697	.....	828	.....
Cocoa and cacao beans	578	.....	877	775
Coconuts and products [8]	78	629	132	1,796
Coffee	318	61	6,191	19,764
Coke	.....	.....	5,403	.....
Cold storage and refrigerated products:				
Dairy products	15	161	263	10,852
Eggs	130	18	130	44
Fish	112	264	145	1,924
Lard	298	38	315	38
Meats	29	267	259	12,779
Poultry	157	866	159	866
Vegetables	36	248	37	340
Other and unclassified	11	.....	30	4
Confectionery	521	48	543	48
Copra	.....	.....	.....	14,233
Corn	.....	.....	4	73
Cotton, raw	10	872	26,221	8,568
Creosote	56	.....	56	.....
Drugs and medicines	1,791	18	2,261	26
Dyes	.....	.....	51	.....
Earthenware	.....	16	91	67
Eggs, dried	.....	.....	.....	7
Electrical apparatus and appliances	1,357	49	2,295	72
Enamelware and metalware	46	13	46	246
Explosives	42	.....	762	.....
Extract, quebracho	.....	.....	931	.....
Fertilizers [8]	543	81	4,277	231
Fish, salted or dry-cured	.....	240	2	276
Fish meal	.....	719	26	3,537
Floor coverings	1,326	819	1,546	1,113
Flour	123	12,914	1,133	18,917
Fruit, dried	26	7,306	147	17,839
Fruit, fresh [8]	.....	3,083	362	42,108

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Furniture and household goods	81	.....	98	3
Gallnuts	.....	.....	.....	60
General	15,640	5,521	45,123	15,720
Glass and glassware	1,532	195	4,273	1,444
Glue	1	.....	1	40
Grains, unclassified	.....	.....	50	744
Groceries	1,263	157	1,566	177
Gums	.....	.....	5	164
Hair, all kinds	.....	.....	.....	87
Hay	13	89	13	151
Hemp, unmanufactured	143	.....	143	1,088
Honey	.....	.....	.....	126
Hops	.....	40	14	43
Horns and hoofs	.....	.....	.....	31
Infusorial earth	42	204	42	540
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	49,164	396	112,019	994
Ivory nuts	.....	.....	196	1,535
Jute, unmanufactured	12	.....	43	32
Lard substitute	758	.....	758	25
Lime	35	.....	120	.....
Liquors	2,844	388	4,183	396
Lumber (including manufactured mill products)	1,264	80,384	5,799	202,129
Machinery	1,973	844	9,279	1,069
Malt	.....	.....	626	30
Manufactured goods [8]	4,069	301	8,979	1,662
Marble and granite	9	.....	37	.....
Matches	177	25	216	78
Metals:				
Copper	42	2,131	7,783	26,646
Gold and silver	.....	.....	.....	22
Iron	300	.....	35,998	.....
Lead	130	236	241	17,829
Tin	253	260	1,474	520
Zinc	63	.....	670	8,924
Other and unclassified	96	8	1,653	138
Milk, powdered	.....	248	.....	393
Molasses and syrups	477	.....	501	9,010
Nitrate	1,556	.....	7,558	196,942
Nuts, edible (including meats)	85	345	95	524
Oats	105	130	112	5,395
Oils, mineral:				
Crude	.....	.....	12,614	51,801
Gas and fuel	.....	.....	44,531	.....
Gasoline, benzine, and naphtha	9,000	19,042	20,514	72,885
Kerosene	.....	22,262	540	30,377
Lubricating and greases	5,566	460	14,751	733
Oils, vegetable:				
Coconut	.....	450	.....	10,866
Cottonseed	.....	.....	6	.....
Linseed	688	.....	768	.....
Olive	118	.....	353	.....
Peanut	.....	.....	605	.....
Wood	11	122	911	3,745
Other and unclassified	80	.....	748	2,245
Oil, fish	.....	.....	71	784
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	44	525	2,067
Oilseed cake and meal	579	.....	579	4,822
Ores:				
Antimony	.....	.....	33	1,445
Chrome	.....	.....	.....	13,325
Copper	.....	.....	8	2,501
Gold and silver	.....	.....	.....	24
Iron	.....	.....	477	126,300
Lead	.....	.....	.....	1,835
Magnesite	.....	368	.....	3,868
Manganese	.....	.....	.....	1,000
Tin	.....	.....	.....	2,365
Zinc	.....	.....	119	7,515
Other and unclassified	.....	.....	1,933	587
Paints and varnishes	1,092	235	1,985	511
Paper and paper products [8]	8,669	5,245	26,816	6,188
Peanuts	668	.....	668	218
Peas, dry	.....	36	.....	260
Peatmoss	.....	.....	320	.....
Phosphates	552	.....	11,290	7,800
Plaster	.....	.....	32	.....
Porcelainware	285	200	811	2,480
Potash	21	2,487	21	2,487
Pyrethrum flowers	.....	.....	5	125

[8] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rags and waste	110	408	358	537
Railroad material	5,016	53	6,403	53
Rice	792	100	1,368	2,463
Rope and twine	204	18	265	89
Rosin	674	.....	2,013	.....
Rubber:				
Manufactured	921	770	1,291	807
Raw	.....	100	33	2,566
Scrap	.....	27	470	52
Salt	26	.....	2,539	.....
Sand	.....	.....	2,048	25
Scrap metal	35	164	32,836	753
Seeds (except oilseeds)	.....	138	206	594
Shells, oyster	303	.....	428	391
Silk, raw	.....	286	.....	1,190
Skins and hides	.....	1,416	478	3,652
Slag	.....	.....	15,935	.....
Slate	272	.....	278	.....
Soaps and products	2,060	112	2,100	154
Soda and sodium compounds:				
Soda ash	124	.....	249	628
Soda, caustic	185	.....	805	.....
Miscellaneous and unclassified	680	.....	926	1,079
Soy beans	74	.....	74	6,186
Sugar	90	6,843	5,746	81,370
Sulphur	6,091	.....	17,708	.....
Talc	16	28	16	923
Tallow	73	653	73	2,006
Tea	136	6	249	615
Textiles [9]	2,231	3	9,562	2,281
Tinplate	5,508	.....	15,259	.....
Tobacco and manufactures	157	13	4,006	218
Toilet preparations	.....	4	.....	4
Turpentine	124	.....	805	.....
Vegetables, dry[8]	.....	20	94	616
Wall board	84	.....	180	438
Wax, paraffin	131	.....	906	21
Wheat	.....	960	.....	68,356
Wines	15	874	313	1,526
Wood pulp	.....	7,793	7,758	11,428
Wool	106	625	117	12,720
Total, February 1938	161,550	246,793	658,617	1,340,210
Total, February 1937	134,346	57,103	636,859	1,202,929
Total, February 1936	185,215	439,451	622,265	1,532,766

[8] Except as otherwise classified. [9] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows, according to trade route, the tanker traffic through the Canal during the month of February 1938:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	4	22,946	9,000	5	29,158	[10] 52,325
East coast United States and:						
South America	1	4,928	2,449	.....	.....	.....
Balboa	1	4,231	8,664	.....	.....	.....
Hawaiian Islands	.....	.....	.....	1	4,293	[11] 7,760
East coast Canada and South America	1	7,717	.....	1	4,455	7,502
West Indies and:						
United States	1	5,202	.....	2	12,883	25,809
South America	3	15,552	29,993	1	7,214	14,966
Balboa	2	10,687	17,724	.....	.....	.....
Europe and:						
United States	1	5,734	.....	1	7,650	13,408
Central America	1	6,483	.....	.....	.....	.....
South America	1	5,411	.....	5	27,616	51,955
Far East	1	6,345	.....	.....	.....	.....
Total	17	95,236	67,830	16	93,269	173,725

[10] 11,037 tons petrolastic asphalt. [11] Molasses.

Comparison of Canal Traffic in February 1938, with February Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of February			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	[12] 88	317	424	1915	[13] 100	361	466
1916	([14])	.....	.....	1916	60	199	258
1917	130	463	547	1917	145	483	588
1918	149	487	473	1918	165	547	627
1919	153	512	563	1919	162	510	576
1920	200	703	780	1920	199	712	781
1921	236	916	953	1921	232	950	966
1922	207	886	838	1922	222	951	907
1923	318	1,529	1,563	1923	325	1,550	1,631
1924	415	2,109	2,244	1924	429	2,179	2,249
1925	369	1,788	1,839	1925	382	1,904	1,996
1926	416	1,990	2,139	1926	424	2,064	2,169
1927	435	2,200	2,229	1927	441	2,184	2,311
1928	523	2,458	2,659	1928	521	2,453	2,468
1929	510	2,427	2,549	1929	524	2,485	2,554
1930	475	2,368	2,377	1930	502	2,497	2,502
1931	419	2,133	1,929	1931	447	2,314	2,089
1932	345	1,877	1,645	1932	364	1,977	1,650
1933	344	1,831	1,434	1933	347	1,900	1,513
1934	452	2,462	2,124	1934	436	2,379	2,059
1935	430	2,205	1,836	1935	432	2,317	2,109
1936	452	2,322	2,155	1936	449	2,335	2,209
1937	377	1,941	1,840	1937	467	2,404	2,507
1938	436	2,154	1,999	([15])	453	2,320	2,301

[12] Canal opened August 15, 1914. [13] Average for 10½ months of fiscal year ended June 30, 1915. [14] Canal closed account of slides. [15] Average for 8 months of fiscal year 1938.

Terminal Activities

Ships which completed repairs during the month of February 1938, numbered 50. Vessels released from drydock numbered 14. Fuel oil in the quantity of 232,111 barrels was delivered as bunkers to 121 commercial ships. Bunker coal amounting to 5,490 tons was delivered to 21 commercial ships. Sales of commissary supplies to ships aggregated $59,753.39.

Cargo Handled at Terminal Ports, February 1938

	Cristobal	Balboa	Total
Local cargo arriving.....tons..	18,044	4,798	22,842
Local cargo shipped.....tons..	1,471	463	1,934
Cargo received for transshipment.....tons..	40,314	323	40,637
Cargo transshipped.....tons..	39,406	284	39,690
"Canal Zone for Orders" cargo:			
Number of receipts issued.....	13	1	14
Number of releases issued.....	36	20	56
Tons received.....	86	4	90
Tons withdrawn.....	27	9	36

All Vessels Entering and Clearing Port, February 1938

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal..	513	3,284,936	1,952,314	477	2,584,236	1,534,960
Vessels entering port but not transiting Canal.	66	669,189	393,164	19	34,197	21,161
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	136	821,606	475,398	105	684,814	392,337
Ships clearing						
All vessels, including those transiting Canal..	513	3,242,183	1,916,737	478	2,587,688	1,537,873
Vessels clearing port but not transiting Canal.	67	634,965	366,914	17	29,067	17,861
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	139	828,513	480,758	103	680,314	389,833

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight February 10, 1938, to midnight March 10, 1938. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Tosca, 340, 0
Laurits Swenson, 15, 0
Toloa, 576, 314
Orbita, 58, 387
Nero, 479, 0
Manizales, 920, 175
Talamanca, 206, 108
Colombie, 0, 1
Istmo, 726, 167
Clio, 371, 0
San Jose, 463, 8
L. J. Drake, 10,653, 0
Haiti, 170, 1,499
Buenaventura, 0, 752
Noto Maru, 515, 0
Frederic R. Kellogg, 1,696, 0
Ruth Lykes, 230, 622
Lochmonar, 401, 0
San Diego, 197, 5
Colombie, 85, 302
Oklahoman, 691, 395
San Angelo, 438, 1½
Mayan, 0, 998
Santa Lucia, 211, 4½
Abraham Lincoln, 9½, 1,128
Cefalu, 383, 219
Cordillera, 11, 355
Salvador, 984, 361
Amerika, 43, 175
Canada, 0, 56
Vinni, 495, 0
Ancon, 2,862, 448
Schwaben, 23, 259
Osnabruck, 200, 171
Snestad, 10, 0
Santa Barbara, 235, 2
Venezuela, 349, 56
Allister, 499, 44
Mataroa, 41, 0
Buenos Aires Maru, 0, 242
Limon, 679, 1
Sixaola, 798, 327
Trois Ilets, 335, 62
Nero, 297, 316
Istmo, 729, 263
Quirigua, 152, 273
Kiyosumi Maru, 147, 0
Hokuroku Maru, 404, 1 case
Lima, 143, 269
Bennekom, 137, 403
Ino, 199, 30
Arica, 61, 507
Jamaica, 96, 1,257
Sona, 0, 35
Durazzo, 973, 202
Vancouver, 72, 457
Venezuela, 0, 889
Lysefjord, 41, 602
Itauri, 33, 132
Marie Leonhardt, 69, 178
El Mirlo, 5,108, 0
Virginia, 204, 0
Santa Maria, 635, 42
Erlangen, 546, 242
Contessa, 63, 317
Hardanger, 2, 0
Director, 174, 24
Palatia, 100, 158
Rialto, 103, 16
Tatsuno Maru, 13, 0
Toulouse, 619, 0
Pasajero, 0, 1
Buenos Aires, 54, 219
Narenta, 0, 44
Costa Rica, 34, 12
Drechtdijk, 416, 219
San Anselmo, 845, 0
Guayaquil, 1,696, 656
Dueseldorf, 35, 284
Orazio, 7¼, 443
San Benito, 676, 291
Clio, 174, 131
Ulua, 1,017, 141
Tillie Lykes, 385, 551
Ino, 411, 232
Santa Rita, 330, 75
Antigua, 207, 161
Wyoming, 264, 220
Seattle, 150, 0
Colombia, 50, 1,006
Trois Ilets, 310, 0
Cerigo, 1,293, 114
Pereira, 1,066, 612
Istmo, 730, 0
Asuka Maru, 120, 0
Uruguay, 303, 513
Karmt, 3, 0
Santa Inez, 133, 18
Port Montreal, 997, 0
Port Montreal, 0, 51
Atlas, 0, 1,185
Bordeaux Maru, 782, 0
Flandre, 134, 0
Jefferson Myers, 218, 0
San Jose, 373, 193
New York, 1 case, 0
Cefalu, 592, 634
Mantilla, 8,356, 0
Nuevo Panama, 0, 112
Acajutla, 605, 411
Elbe, 73, 342
Istmo, 0, 314
Orduna, 50, 655
Flandre, 0, 196
Margaret Johnson, 74, 103
Este, 212, 1,006
Santa Lucia, 210, 70
Clio, 427, 132
Cristobal, 4,133, 852
Manizales, 1,241, 341
Ciss, 0, 164
San Vincente, 19, 1case
Sesostris, 77, 350
Nako Maru, 742, 25
Belize, 5, 0
Kyphissia, 89, 1,292
Barneveld, 359, 1,134
Sagua, 489, 524
Veragua, 182, 159
Santa Marta, 1,574, 55
Hermonthis, 126, 239
Haiti, 76, 1,247
San Clemente, 182, 2
Ramona, 4,196, 0
Nero, 430, 20
Trois Ilets, 185, 60
Erria, 0, 10½
Costa Rica, 0, 461
Port Antonio, 0, 483
Real, 20, 0
Reina del Pacifico, 50, 135
Selma City, 278, 0
Gera, 1, 0
Anna Maersk, 282, 7
D.G.Scofield, 12,451, 0
Istmo, 737, 0
Caribia, 215, 35½
West Ira, 78, 550
Virgilio, 96, 35
Contessa, 274, 322
Bodegraven, 0, 54
Wave, 309, 0
Chiriqui, 0, 133
California, 321, 0
Mayan, 1,286, 0
Arizona, 649, 0
Santa Maria, 89, ½
Recorder, 198, 79
Lobos, 6, 344
Nienburg, 57, 67
Delftdijk, 224, 1 case
Mantilla, 4,625, 0
AnnieJohnson, 241, 252

BALBOA

Portland, 43, 0
Tosca, 1,828, 0
Chateau Thierry, 621, 89
Santa Clara, 128, 32
Frederic R. Kellogg, 2,445, 0
Santa Lucia, 14, 10
Platano, 0, 3
Vega, 12, 0
El Aleto, 10,505, 0
Buenos Aires Maru, 37, 0
Santa Barbara, 206, 0
St. Mihiel, 76, 65
Vancouver, 41, 38
Heranger, 0, 1
Britta, 8,664, 0
Virginia, 107, 20
Santa Maria, 60, 8
Henderson, 2, 0
Toulouse, 237, 0
El Mirlo, 7,219, 0
Santa Maria (Union), 11,793, 0
Crawford Ellis, 0, 2
President Pierce, 35, 0
Oliver Olson, 3,863, 0
Santa Rita, 103, 28
Pereira, 0, 76
Pastores, 0, 4
Elbe, 74, 79
Rakuyo Maru, 75, 0
Nako Maru, 40, 9
Santa Lucia, 187, 15
Santa Clara, 6, 0
California, 95, 0
Anna Maersk, 151, 0
Manizales, 0, 17
Republic, 747, 0
American, 11, 0
President Adams, 10, 5
Leme, 253, 0
Santa Maria, 70, 0
Chateau Thierry, 50, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Canal ports during February 1938 numbered 2,889 at Cristobal and 1,088 at Balboa; embarking 2,272 at Cristobal and 1,094 at Balboa. Passengers passing through the Canal numbered 5,997 from the Atlanic to the Pacific, and 2,635 from the Pacific to the Atlantic. Aircraft numbering 42 entered Cristobal and 177 passengers disembarked; clearances were 42, with 194 passengers embarking. At Balboa, entries of aircraft numbered 52, with 167 passengers disembarking; clearances were 52, with 123 passengers embarking.

Provisions Required by Ships

Commissary Division, Panama Railroad Company, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats (including native beef), ice, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices. A modern laundry service is also available.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery, or for delivery at the other terminal after transit.

Movements of Ocean Vessels Through the Panama Canal

From midnight February 10, 1938, to midnight March 10, 1938

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Columbus	11	12	Ger...	North German Lloyd.	New York, N. Y.	New York, N. Y.	Passengers..	.....
Santa Clara	10	11	Amer..	Grace Line	New York, N. Y.	SanAntonio,Chile	General.....	2,478
California	11	11	Amer..	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	Gen., meats.	3,638
Chateau Thierry [8]	10	...	Amer..	U. S. Army	New York, N. Y.	Balboa, C. Z....	General.....	1,173
Maranon	10	11	Peru..	C. P. V. D	Iquitos, Peru....	Callao, Peru.....	Lumber, gen.	1,962
Sutherland	11	11	Amer..	Polarus S. S. Co	Philadelphia, Pa.	Seattle, Wash...	General.....	1,773
Lindenbank	11	11	Brit...	Andrew Weir & Co...	Tampico, Mexico	Adelaide, Aus'lia.	General.....	7,800
Alaskan	11	11	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Portland, Oreg...	General.....	2,958
Susan V. Luckenbach.	11	11	Amer..	Luckenbach Line	Boston, Mass....	Seattle, Wash...	General.....	3,819
John Bakke [2]	11	11	Nor...	Scand. So. Pac. Line.	Cardiff, Wales...	Valparaiso, Chile.	Ballast	.....
Athelviscount [1] [2]	11	11	Brit...	United Molasses Co..	Rotterdam, Neth.	Japan	Ballast	.....
Kashii Maru [2]	11	11	Jap...	Kokusai Kisen Kaisha	Hamburg, Ger...	Kobe, Japan	General.....	7,612
Laurits Swenson [2]	11	11	Nor...	Fred Olsen Line	Heroen, Norway.	Vancouver, B. C.	General.....	5,502
Tosca [2]	11	13	Nor...	Scand. So. Pac. Line..	Oslo, Norway...	Valparaiso,Chile.	General.....	2,202
Kyphissia	11	12	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	Champ'ico, Guat.	General.....	1,423
Orbita	11	12	Brit...	Pacific Steam Nav. Co	Liverpool, Eng..	Valparaiso, Chile.	(15)	1,131
Laila	11	12	Dan...	Wessel, Duval & Co..	New York, N. Y.	Talcahuano,Chile	General.....	1,587
Marpesia	12	12	Nor...	N. Atl. & Gulf S. S. Co.	Newp't News, Va.	Callao, Peru.....	(16)	1,211
Puerto Rican	12	12	Amer..	Chile Nit. Sales Corp.	Savannah, Ga...	Tocopilla, Chile..	Ballast	.....
City of Dalhart [2]	12	12	Amer..	Roosevelt S. S. Co...	New York, N. Y.	Saigon, Fr. I. Ch.	General.....	3,310
Langleeford	12	12	Brit...	L. Dreyfus & Co	Barry, England..	Portland, Oreg...	Ballast	.....
Flomar	12	12	Amer..	Calmar Line	Baltimore, Md...	Seattle, Wash...	(17)	6,490
Sambu [2]	11	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Gatun, C. Z.[14]..	.....	13
Winslow [5]	5	...	Amer..	U. S. Army	Cristobal, C. Z..	Balboa, C. Z....	Ballast	.....
Rotterdam	12	13	Neth..	Holland-Amer. Line..	New York, N. Y.	New York, N. Y.	Passengers..	.....
St. Laurent [9]	13	15	Brit...	Canadian Govt	Halifax, N. S....	Paita, Peru	Ballast	.....
Nero [2]	11	13	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	B'ventura, Col...	General.....	43
Admiral Laws	12	16	Amer..	Bulk Carriers Corp...	New Orleans, La.	S. Francisco, Cal.	Ballast	.....
Dalfram	13	13	Brit...	United Steam Nav. Co.	Antwerp,Belgium	Auckland, N. Z..	Asphalt	7,635
Athina Livanos	12	13	Greek.	Bunge, Ltd	Greenock, Eng...	Portland, Oreg...	Ballast	.....
Istmo	12	13	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General.....	235
Clio [2]	12	13	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	31
Port Caroline	13	13	Brit...	Port Line, Ltd	Philadelphia, Pa.	Fremantle,Aus'lia	General.....	5,535
Real [2]	12	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast	.....
Tuira [2]	12	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast	.....
Ketty Brovig [1]	13	14	Nor...	Standard Oil of N. J.	Aruba, N. W. I..	SanAntonio,Chile	Fuel oil	10,168
S-45 [7]	..	...	Amer..	U. S. Navy	Cristobal, C. Z..	Balboa, C. Z....	Ballast	.....
Primero [2]	13	14	Nor...	Chile Nit. Sales Corp.	New York, N. Y.	Iquique, Chile...	Ballast	.....
Hanley	14	14	Amer..	Weyerhaeuser S. S. Co.	Norfolk, Va	Seattle, Wash...	Steel, gen...	4,156
Platano	14	15	Pan...	United Fruit Co	New York, N. Y.	Pto. Arm'les, R. P.	Ballast	.....
Manizales	11	14	Ger...	North German Lloyd.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	158
Port Sydney	14	14	Brit...	Port Line, Ltd	Newport, Eng...	Sydney, Australia	General.....	5,503
Bethore	14	14	Amer..	Ore S. S. Corp	Baltimore, Md...	Cruz Gr'de, Chile	Ballast	.....
Frederic R. Kellogg. [1]	13	16	Amer..	Standard Oil of N. J..	Baton Rouge, La.	Talara, Peru	Gasoline	2,449
Sambu [2]	12	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Gatun, C. Z.[14]..	.....	22
San Angelo	14	15	Amer..	Quaker Line	New York, N. Y.	Seattle, Wash...	General.....	4,502
Trondanger [2]	15	17	Nor...	Interocean S. S. Co...	Rotterdam, Neth.	Vancouver, B. C.	Oil	335
Ramon de Larrinaga.	15	15	Brit...	Canadian Transp. Co.	Antwerp,Belgium	Vancouver, B. C.	Ballast	.....
Oklahoman	14	15	Amer..	Grace Line	Gibbstown, N. J.	SanAntonio,Chile	General.....	2,736
Mayan	7	15	Amer..	Grace Line	Cristobal, C. Z..	Champ'ico, Guat.	General.....	992
Rothley [2]	15	15	Brit...	Seaboard Ship. Co...	London, England	Vancouver, B. C.	Ballast	.....
Don Jose	15	15	P. I...	Madrigal & Co	Bordeaux, Fr....	Muroran, Japan.	Ballast	.....
Luna [2]	15	15	Pan...	A. Tagaropulos	Cristobal, C. Z..	Real, R. P	General.....	3
Vega [13]	15	18	Amer..	U. S. Navy	Norfolk, Va	Mare Island, Cal.	General.....	2,462
Admiral Nulton	15	16	Amer..	Bulk Carriers Corp...	New York, N. Y.	S. Francisco, Cal.	Ballast	.....
Oregon Express [2]	15	16	Nor...	Fruit Express Line...	Glasgow, Scot...	Pto. Arm'les, R. P.	Ballast	.....
Point Ancha	16	16	Amer..	Swayne & Hoyt	New Orleans, La.	Seattle, Wash...	General.....	4,601
Orotava	16	16	Hond..	United Fruit Co	Mobile, Ala	Pto. Arm'les, R. P.	Ballast	.....
Californian	16	16	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Seattle, Wash...	General.....	4,003
Atlantic Maru	16	16	Jap...	Osaka Shosen Kaisha.	Philadelphia, Pa.	Dairen, China...	Steel	7,376
Amerika [2]	16	16	Dan...	East Asiatic Co	Copenhagen,Den.	Vancouver, B. C.	General.....	355
Mathilde Maersk.	15	16	Dan...	A. P. Moller	Habana, Cuba...	Guaymas, Mex..	Ballast	.....
Steel Traveler	16	17	Amer..	Isthmian S. S. Lines..	New York, N. Y.	Manila, P. I....	Steel, gen...	8,168
Eskbank [2]	16	16	Brit...	Andrew Weir & Co...	New Orleans, La.	Manila, P. I....	(18)	2,506
S. C. T. Dodd [1]	16	16	Amer..	Standard Oil of Calif.	Providence, R. I.	Los Angeles, Cal.	Ballast	.....
Sona [2]	15	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast	.....
Nonrmahal [6]	9	...	Amer..	Vincent Astor	New York, N. Y.	La Libertad, Ecu.	Ballast	.....
District of Columbia. [1]	16	17	Amer..	Standard Oil of Calif.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	.....
El Aleto [1] [2]	16	19	Brit...	C. T. Bowring & Co...	Ellesmere, Eng..	Balboa, C. Z....	Fuel oil	10,505
Paul Luckenbach	17	17	Amer..	Luckenbach Line	Boston, Mass...	Tacoma, Wash..	General.....	3,127

[1] Tanker. [2] Motor ship. [5] Launch. [6] Yacht. [7] Submarine. [8] Transport. [9] Destroyer. [13] Auxiliary. [14] For bananas and return to Cristobal. [15] Machinery, cotton, etc. [16] Dredge materials. [17] Steel, iron, general. [18] Gasoline in drums.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Harpoon	17	17	Amer.	Shepard S. S. Co.	Boston, Mass.	Seattle, Wash.	General	5,420
Elwood [1]	17	17	Amer.	Shell Oil of Calif.	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
Tornus [1] [2]	17	17	Brit.	Shell Oil of Calif.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Port Chalmers [2]	17	17	Brit.	Port Line, Ltd.	London, England	Nelson, N. Z.	General	8,090
Buenos Aires Maru. [2]	17	18	Jap.	Osaka Shosen Kaisha.	Buenos Aires, Arg.	Kobe, Japan	Gen., tinplate	3,044
St. Mihiel [8]	17	18	Amer.	U. S. Army	Brooklyn, N. Y.	S. Francisco, Cal.	General	603
Santa Barbara [2]	17	18	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	1,976
Schwaben	17	17	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	1,409
L-53 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	(14)	.....
Lieut. Col. H. C. Schumm. [4]	15	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Pirate [3]	17	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	.....	20
Sahalinneftj.	16	18	USSR.	Sahalinneftj.	Baltimore, Md.	Vladiv'k, Russia.	Steel	2,175
Kansai Maru [2]	17	18	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Kobe, Japan	General	8,378
Iowan	18	18	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,342
Igdrasil [6]	17	...	Amer.	Roger S. Stout	Moorhead, N. C.	Alaska	Ballast	.....
Sea Horse [5]	...	...	Amer.	N. E. Parker	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Steel Age	19	19	Amer.	Isthmian S. S. Lines.	Mobile, Ala.	Seattle, Wash.	Steel	5,189
Indra [2]	19	19	Nor.	Knut Knutsen, O.A.S.	Oslo, Norway	Puntarenas, C. R.	Cement	842
Miss C. B. [3]	17	19	Brit.	Sanahris Mines, Ltd.	Tampa, Fla.	Tumaco, Colom.	Machinery	36
Rangitata [2]	19	19	Brit.	N. Z. Shipping Co.	London, England	Bluff, N. Z.	General	5,536
Carabobo	19	19	Amer.	Northland Transp. Co.	Philadelphia, Pa.	Seattle, Wash.	General	1,530
Nero [2]	18	19	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	.....
Trois Ilets	18	19	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	61
Pirate [3]	18	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	.....	20
Arica	19	20	Fr.	French Line	Havre, France	Valparaiso, Chile.	General	9,242
Tatsuha Maru	20	20	Jap.	Mitsubishi Shoji K.	Mobile, Ala.	Kobe, Japan	Pig iron	8,080
Fortuna [3]	15	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Paula	19	20	Dan.	West Coast Line	New York, N. Y.	Valparaiso, Chile.	General	1,917
Admiral Senn	20	20	Amer.	Bulk Carriers Corp.	New York, N. Y.	S. Francisco, Cal.	Ballast	.....
Lima [2]	19	20	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Paper, gen.	3,336
Istmo	18	20	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	Gen. gasoline	750
Grete Maersk [2]	20	20	Dan.	Isbrandtsen Moller.	Boston, Mass.	Cebu, P. I.	General	4,319
Javanese Prince [2]	20	20	Brit.	Furness, Withy & Co.	Halifax, N. S.	Manila, P. I.	General	5,816
Ino [2]	19	20	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	27
Sidney M. Hauptman.	20	20	Amer.	McCormick S. S. Co.	Norfolk, Va.	Seattle, Wash.	General	3,201
Vancouver	20	21	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Portland, Oreg.	Steel, glass	1,211
Bennekom	19	20	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Valparaiso, Chile.	General	1,722
La Union [2]	19	...	Pan.	A. Valdes	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	19	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	20	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	.....	20
Sona [2]	19	20	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	35
Itauri	20	21	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	2,953
San Tiburcio [1]	20	21	Brit.	Eagle Oil & Ship. Co.	Curacao, N. W. I.	Talcahuano, Chile	Fuel oil	7,675
Marie Leonhardt	20	21	Ger.	North German Lloyd.	Hamburg, Ger.	Champ'ico, Guat.	General	501
Fernmoor [2]	21	21	Nor.	Mitsui & Co.	Galveston, Tex.	Yawata, Japan	(15)	6,077
Britta [1] [2]	21	23	Nor.	A. H. Mathiesen	Artreco, Tex.	Talara, Peru	Diesel oil	8,664
Heranger [2]	21	21	Nor.	Interocean S. S. Co.	Rotterdam, Neth.	Los Angeles, Cal.	General	22
Keiyo Maru [2]	21	21	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Dairen, China	Phos., steel	7,753
Durazzo	19	21	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	182
Blairlogie	21	21	Brit.	Seaboard Ship. Co.	Pt. Talbot, Eng.	Vancouver, B. C.	Ballast	.....
Salvador	15	22	Brit.	Pac. Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	360
El Mirlo [1] [2]	21	23	Brit.	Socony Vac. Oil Co.	Aruba, N. W. I.	Los Angeles, Cal.	(16)	7,219
Musa	21	22	Pan.	United Fruit Co.	New York, N. Y.	Pto. Arm'lles, R. P	Ballast	.....
Henderson [8]	21	24	Amer.	U. S. Navy	Norfolk, Va.	S. Francisco, Cal.	General	962
Hertford	21	22	Brit.	Fed. Steam Nav. Co.	Swansea, Eng.	Pt. Chal'rs, N. Z.	General	10,093
Santa Clara Valley. [2]	21	22	Brit.	Berth Service	Mobile, Ala.	Osaka, Japan	Pig iron	8,027
Edgar F. Luckenbach.	22	22	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General	5,713
Parthenia	22	22	Brit.	Donaldson Bros.	Glasgow, Scot.	N. Westm'er, B.C.	General	1,659
Katsuragi Maru [2]	22	22	Jap.	Kokusai K. Kaisha.	New Orleans, La.	Kobe, Japan	(17)	7,843
Pennsylvanian	22	22	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,436
Harboe Jensen	22	22	Nor.	United Fruit Co.	Galveston, Tex.	S. Francisco, Cal.	Ballast	.....
Loch Don	22	22	Brit.	Glasgow Nav. Co.	Antwerp, Belgium	Wellington N. Z.	Basic slag	8,550
Hardanger	22	22	Nor.	Westfal, Larsen & Co.	Buenos Aires, Arg.	Vancouver, B. C.	Gen., coffee	3,766
Socony Vacuum [1]	22	22	Amer.	Socony Vac. Oil Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Wyrm [5]	.	.	Amer.	N. E. Parker	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Luna [2]	22	22	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Frank [2]	22	.	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
President Herrenschmidt. [1] [2]	22	23	Nor.	Pechelbronn	Antwerp, Belgium	La Libertad, Ecu.	Ballast	.....
Winkleigh	22	23	Brit.	Seaboard Ship. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Knoxville City	22	23	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Hilo, T. H.	Steel, gen.	2,672

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [8] Transport. [13] For bananas and return to Cristobal. [14] Towing barge No. 205. [15] Cotton, scrap iron. [16] Fuel and Diesel oil. [17] Lubricating oil, cotton, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Oakworth [2]	23	23	Brit.	Canadian Transp. Co.	Galveston, Tex.	Victoria, B. C.	Sulphur, gen.	4,400
Telde	23	23	Hond.	United Fruit Co.	Mobile, Ala.	Pto.Arm'les,R.P.	Ballast	.....
Skramstad [2]	23	23	Nor.	Fern Line	St. John, N. B.	Yokohama,Japan	Iron,asbestos	7,138
Mobile City	23	23	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Tacoma, Wash.	Steel, gen.	6,586
Fernglen [2]	23	23	Nor.	Fern Line	New York, N. Y.	Kamaichi,Japan	Scrap iron	8,209
Real [2]	22	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Alnmoor	24	25	Brit.	Runciman Ship. Co.	S. Shields, Eng.	Vancouver, B. C.	Ballast	.....
Tregenna	24	24	Brit.	Hain S. S. Co.	Newp't News, Va.	Portland, Oreg.	Ballast	.....
King Idwal	23	24	Brit.	Dodd Thomson & Co.	Sunderland, Eng.	Brit. Columbia	Ballast	.....
Anglo Indian	23	24	Brit.	Canadian Transp. Co.	Halifax, N. S.	Brit. Columbia	General	2,065
Middlesex	24	24	Brit.	FederalSteamNav.Co.	Glasgow, Scot.	New Zealand	Ballast	.....
Rialto [2]	23	24	Ital.	Italia	Trieste, Italy	Vancouver, B. C.	General	309
Huncliffe	23	24	Brit.	Mitchell Cotts & Co.	Leith, Scotland	Vancouver, B. C.	Ballast	.....
Lt. Col. H. C. Schumm. [4]	22	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	.....
L-53 [5]	17	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Chiriqui [2]	13	25	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Panama, R. P.	Ballast	.....
City of Winchester.	24	25	Brit.	Amer.-Australian Line	Newp't News, Va.	Adelaide, Aust'lia	General	6,354
Pennsylvania	25	25	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,342
Sorvard [2]	25	25	Nor.	Lauritz Kloster	New York, N. Y.	S. Francisco, Cal.	Ballast	.....
San Anselmo	24	25	Amer.	Quaker Line	Philadelphia, Pa.	Seattle, Wash.	General	4,358
Brisbane Star [2]	25	25	Brit.	Blue Star Line	Glasgow, Scot.	New Zealand	General	4,086
Dusseldorf [2]	25	25	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	4,848
Clio [2]	26	26	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Tumaco, Colom.	General	118
Trongate	25	26	Brit.	Redgate S. S. Co.	Norfolk, Va.	Tocopilla, Chile	Ballast	.....
Losmar	26	26	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	6,682
Crawford H. Ellis.	25	26	Nor.	United Fruit Co.	Mobile, Ala.	Pto.Arm'les,R.P.	Ballast	.....
Point Salinas	26	26	Amer.	Gulf-Pacific Line	Antwerp,Belgium	Seattle, Wash.	General	5,748
Lebore	26	26	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Col. Riche [5]	18	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
President Pierce	27	27	Amer.	Dollar Line	Singapore,St.Set.	S. Francisco, Cal.	General	3,182
Wyoming	26	27	Fr.	French Line	Antwerp,Belgium	Vancouver, B. C.	(13)	2,830
Dorothy Luckenbach.	26	27	Amer.	Luckenbach Line	Providence, R.I.	Tacoma, Wash.	General	5,000
Ino [2]	25	27	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	210
Alva [6]	26	28	Amer.	W. K. Vanderbilt	New York, N. Y.	Perlas Is., R. P.	Ballast	.....
Ronda [2]	26	27	Nor.	Mitsui Bussan Kaisha	New York, N. Y.	Osaka, Japan	General	7,336
Martin Bakke [2]	27	27	Nor.	Knutsen Line	Limhamn, Swed.	Chile	Cement	850
Washingtonian	27	27	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	Portland, Oreg.	General	3,112
Tuira [2]	26	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Santa Rita [2]	25	28	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile	General	2,896
Mallard [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Rotterdam [1] [2]	27	28	Neth.	Standard Oil of N. J.	Aruba, N. W. I.	Tocopilla, Chile	Fuel oil	12,150
Deborah [2]	28	28	Pan.	Comision de Limites.	Colon, R. P.	Panama, R. P.	Ballast	.....
Helm [9]	25	28	Amer.	U. S. Navy	Guantan'o, Cuba	Perlas Is., R. P.	Ballast	.....
Tai Ping Yang [2]	28	28	Nor.	Mitsui & Co.	New York, N. Y.	Moji, Japan	Scrap iron	8,214
Ferncliff [2]	28	28	Nor.	Chile Nit. Sales Corp.	Gulfport, Miss.	Tocopilla, Chile	Ballast	.....
Sandhamn [2]	28	28	Swed.	D/S A/S Ostlandet	Galveston, Tex.	Adelaide, Aust'lia	Sulphur	7,662
Cerigo	26	28	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	104
Pereira	26	28	Pan.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	609
Uruguay [2]	27	28	Swed.	Johnson Line	Stockholm, Swed.	Valparaiso, Chile.	Gen.,cement	4,715
Trois Ilets	26	28	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	64
Karmt [2]	27	28	Nor.	Chile Nit. Sales Corp.	Glasgow, Scot.	Tocopilla, Chile	Ballast	.....
King Egbert [2]	28	28	Brit.	King Line, Ltd.	Pensacola, Fla.	N. Pacific coast	Ballast	.....
Col. Riche [5]	26	...	Amer.	U. S. Army	Cristobal, C. Z.	Gamboa, C. Z.	Ballast	.....
Canadian Challenger.	28	1	Brit.	Mont.-Aust.-N.Z.Line	Halifax, N. S.	Sydney, Australia	Newsprint	4,055
Pomona	28	1	Amer.	Pac. Coast Dir. Line.	New York, N. Y.	Seattle, Wash.	General	4,556
Pastores	26	1	Amer.	United Fruit Co.	New York, N. Y.	Pto.Arm'les,R.P.	Ballast	.....
Pacific President [2]	28	1	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	1,371
Wales Maru	28	1	Jap.	Kawasaki S. S. Co.	Pt. Tampa, Fla.	Osaka, Japan	Cotton,phos.	7,946
Somerville [2]	1	1	Nor.	Hasegawa & Co.	New York, N. Y.	Japan	Scrap iron	6,947
Sheafholme [2]	28	1	Brit.	Sheaf S. S. Co.	Sunderland, Eng.	Brit. Columbia	Ballast	.....
Floridian	1	1	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	3,847
City of Wellington.	1	1	Brit.	Mont.-Aust.-N.Z.Line	St. John, N. B.	Dunedin, N. Z.	General	4,381
Point Clear	1	1	Amer.	Gulf-Pacific Line	Houston, Tex.	Seattle, Wash.	Gen., steel	5,497
Chelsea	1	1	Brit.	Chile Nit. Sales Corp.	Hamburg, Ger.	Chile	Ballast	.....
Luna [2]	1	1	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Johilla	1	2	Brit.	Canadian Transp. Co.	Habana, Cuba	Los Angeles, Cal.	Ballast	.....
Istmo	27	2	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	480
Jefferson Myers	1	2	Amer.	Pacific-Atl. S. S. Co.	New York, N. Y.	Portland, Oreg.	General	4,226
Skjelbred [2]	1	2	Nor.	Kawasaki K. Kaisha.	Baltimore, Md.	Japan	(14)	4,893
Orotava	2	2	Hond.	United Fruit Co.	Mobile, Ala.	Pto.Arm'les,R.P.	Ballast	.....
Villanger [2]	2	2	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Mexican	2	2	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	2,553

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [6] Yacht. [9] Destroyer. [10] Mine sweeper. [13] Coke, steel, general. [14] Scrap iron, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Kensington Court	2	2	Brit...	Seaboard Ship. Co...	Barry, England..	S. Francisco, Cal.	Ballast.....	.....
Schwanheim [2]....	2	2	Ger...	North German Lloyd.	Tampico, Mexico	Adelaide, Aus'lia.	General.....	7,961
Elbe [2].....	1	3	Ger...	North German Lloyd.	Hamburg, Ger...	Vancouver, B. C.	General.....	2,556
Real [2].....	1	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Pirate [3].....	2	...	Pan...	E. J. Hooper.....	Cristobal, C. Z..	Gatun, C. Z.[13]..	.....	20
Marore.....	3	3	Amer..	Ore S. S. Corp.....	Baltimore, Md...	Cruz Gr'de, Chile	Ballast.....	.....
Gannet [10].....	14	...	Amer..	U. S. Navy.....	Cristobal, C. Z..	Gamboa, C. Z...	Ballast.....	.....
Stonegate.....	3	4	Brit...	Seaboard Ship. Co...	Cardiff, Wales...	Vancouver, B. C.	Ballast.....	.....
Orduna.....	3	3	Brit...	Pacific Steam Nav.Co.	Liverpool, Eng..	Valparaiso, Chile.	Gen., sugar..	3,643
Aleli [5].....	...	...	Pan...	L. Aurelius.....	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
No. 101 [5].....	...	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Tow. barge..	.....
Santa Lucia.....	3	4	Amer..	Grace Line.....	New York, N. Y.	SanAntonio,Chile	General.....	3,154
Nankai Maru [2]...	4	4	Jap...	Osaka Shosen Kaisha.	Boston, Mass....	Dairen, China...	Steel, scrap..	6,941
Helga.....	4	4	Dan...	J. Lauritzen.....	New York, N. Y.	Valparaiso, Chile.	General.....	1,527
Niceto de Larrinaga.	3	4	Brit...	Canadian Transp. Co.	Fowey, England.	Vancouver, B. C.	China clay..	4,317
Raby Castle [2]....	4	4	Brit...	Mitsui Line.....	Baltimore, Md...	Dairen, China...	Steel, mach..	6,981
Julia Luckenbach.	4	4	Amer..	Luckenbach Line....	Boston, Mass....	Los Angeles, Cal.	Gen., autos..	3,850
Anatina [1].....	4	4	Phil...	Compania Maritima..	Newcastle, Eng..	Manila, P. I.....	Ballast.....	.....
Imperial Monarch	4	4	Brit...	Anglo-Can. S. S. Co..	Cardiff, Wales...	Brit. Columbia..	Ballast.....	.....
King William [2]...	4	4	Brit...	B. C. Ship. Agencies..	Barry, England..	Brit. Columbia..	Ballast.....	.....
Braganza [2].....	18	4	Nor...	Ludv. G. Braathen...	Antilla, Cuba....	Los Angeles, Cal.	Ballast.....	.....
Birmingham City.	4	5	Amer..	Isthmian S. S. Lines..	Mobile, Ala.....	Honolulu, T. H..	Sulphur,steel	8,437
L-53 [5].....	24	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
Col. Riche [5].....	1	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
Neuvo Panama [2].	1	5	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Pto.Arm'les,R.P.	General.....	100
Clio [2].....	3	5	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	119
Belita [1] [2].....	4	5	Nor...	Mitsubishi Shoji K....	CorpusCh'ti,Tex.	Japan.....	Crude oil...	9,619
L. A. Christensen. [2]	4	5	Nor...	Chile Nit. Sales Corp.	Charleston, S. C.	Antof'gasta,Chile	Ballast.....	.....
Lihue.....	5	5	Amer..	Matson Nav. Co.....	Baltimore, Md...	Hilo, T. H.....	([14])	3,037
Minnesotan.....	5	5	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Portland, Oreg...	General.....	2,815
Chilore.....	5	5	Amer..	Ore S. S. Corp.....	Baltimore, Md...	Cruz Gr'de, Chile	Ballast.....	.....
American Reefer [2]	5	5	Amer..	J. Lauritzen.....	St. John, N. B...	Seattle, Wash...	Ballast.....	.....
Hermonthis [2]....	5	5	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	Corral, Chile....	General.....	5,476
Frank [3].....	1	...	Pan...	E. J. Hooper.....	Cristobal, C. Z..	Gatun, C. Z.[13]..	.....	19
City of Canberra.	5	6	Brit...	Amer.-AustralianLine	New York, N. Y.	Sydney, Australia	General.....	2,684
City of Lyons....	6	7	Brit...	Ellerman & Bucknall.	Baltimore, Md...	Dairen, China...	General.....	7,258
Sea Thrush.....	6	6	Amer..	Shepard S. S. Line...	Boston, Mass....	Seattle, Wash...	General.....	4,436
Nero [2].....	3	6	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	B'ventura, Col...	General.....	18
Ciss.....	3	6	Nor...	Elliot Ship. & Land Co.	Cartagena, Col..	B'ventura, Col...	Salt,kerosene	1,210
San Clemente....	5	6	Amer..	Quaker Line.....	New York, N. Y.	Tacoma, Wash..	General.....	3,139
Tamaroa.....	6	7	Brit...	Shaw, Savill & Albion	London, England	Wellington, N. Z.	General.....	4,640
Barneveld.....	4	6	Neth..	Royal Neth. S. S. Co.	Hamburg, Ger...	Corral, Chile....	General.....	2,664
Thorshovdi [1] [2]..	6	7	Nor...	Anglo-Saxon Pet. Co..	London, England	Los Angeles, Cal.	Ballast.....	.....
La Union [2].....	5	...	Pan...	A. Valdes.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
M-14 [5].....	...	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
PAA-I-W [5].....	...	...	Amer..	T. B. Rodenbough...	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
Elin K [2].....	6	7	Nor...	Chile Nit. Sales Corp.	Wilmington,N.C.	Chile.....	Ballast.....	.....
Lindenhall.....	6	7	Brit...	Australian Desp. Line.	Newport, Eng...	Vancouver,B.C..	Ballast.....	.....
Honolulan.....	7	7	Amer..	Chile Nit. Sales Corp.	Pensacola, Fla...	Tocopilla, Chile..	Ballast.....	.....
Thistleford.....	7	7	Brit...	Mersey Paper Co....	Liverpool, N. S..	Adelaide, Aus'lia.	Newsprint..	4,139
Liberator.....	7	7	Amer..	Lykes Bros.-Ripley...	New Orleans, La.	Cebu, P. I.....	Cotton, gen.	8,366
Selma City.....	7	7	Amer..	Isthmian S. S. Lines..	Portland, Me....	Tacoma, Wash..	Steel, gen...	4,409
Gannet [10].....	3	...	Amer..	U. S. Navy.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Winslow [5].....	4	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
Real [2].....	6	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Acajutla.....	1	8	Brit...	Pacific Steam Nav.Co.	Cristobal, C. Z..	Champ'ico, Guat.	General.....	411
Platano.....	7	8	Pan...	United Fruit Co.....	New York, N. Y.	Pto.Arm'les,R.P.	Ballast.....	.....
Kano Maru [2]....	7	8	Jap...	Kokusai Line.....	Philadelphia, Pa.	Kobe, Japan....	([15])	7,633
Steelore.....	8	8	Amer..	Ore S. S. Corp.....	Baltimore, Md...	Cruz Gr'de, Chile	Ballast.....	.....
Trois Ilets.....	5	8	Fr....	French Line.....	Cristobal, C. Z..	B'ventura, Col...	General.....	52
Malaya [2].....	8	8	Dan...	East Asiatic Co.....	Copenhagen.Den.	Seattle, Wash...	Ballast.....	.....
Brynje [2].....	8	8	Nor...	Canadian Transp. Co.	Swansea, Wales..	Sta. Rosalia, Mex.	Coal.....	6,166
American.....	8	8	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Seattle, Wash...	General.....	1,783
Manizales.....	3	8	Ger...	North German Lloyd.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	308
Maria Cristina [3]..	8	8	Pan...	A. Tagaropulos.....	Cristobal, C. Z..	Real, R. P.....	General.....	3
Pirate [3].....	8	...	Pan...	E. J. Hooper.....	Cristobal, C. Z..	Gatun, C. Z.[13]..	.....	20
Virgilio [2].....	8	9	Ital...	Italia, S. A.....	Genoa, Italy....	Valparaiso,Chile.	General.....	986
President Adams.	9	9	Amer..	Dollar Line.....	Boston, Mass....	Bombay, India..	General.....	2,545
D. G. Scofield [1]..	7	9	Amer..	Arrow Oil Co.....	Houston, Tex....	S. Francisco, Cal.	Ballast.....	.....
Chiriqui [2].....	8	9	Pan...	Elliot Ship. & Land Co.	Covenas, Colom.	Pedregal, R. P...	General.....	125
West Ira.....	8	9	Amer..	McCormick S. S. Co.	Buenos Ares, Arg.	Seattle, Wash...	General.....	4,740
HakonesanMaru[2].	8	9	Jap...	Osaka Shosen Kaisha.	Buenos Aires,Arg.	Moji, Japan.....	Tinplate....	7,858
Forest [2].....	8	9	Brit...	Jinpi, Tokyo.....	Casablanca, Mor.	Japan.....	Phosphate..	8,700
Masunda.....	8	9	Brit...	Canadian Transp. Co.	Barry, England..	Vancouver, B. C.	Ballast.....	.....
Rasma.....	8	9	Latv...	Chile Nit. Sales Corp.	Newport, Eng...	Chile.....	Ballast.....	.....
Ingerseks.....	9	9	Nor...	Chile Nit. Sales Corp.	Savannah, Ga...	Antof'gasta,Chile	Ballast.....	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [10] Mine sweeper. [13] For bananas and return to Cristobal. [14] Automobiles, steel, general. [15] Rails, automobile parts, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
San Ubaldo [1]	9	9	Brit.	Eagle Oil Co.	Pto. Mexico, Mex.	Valparaiso, Chile.	Petroleum	7,369
H. N. Storey [1]	9	9	Amer.	Standard Oil of Calif.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	.....
Chateau Thierry [8]	8	...	Amer.	U. S. Army	New York, N. Y.	Balboa, C. Z.	General	1,707
Lena Luckenbach.	9	9	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	5,073
Amagisan Maru [2]	9	9	Jap.	Mitsui Bussan Kaisha	New York, N. Y.	Moji, Japan	Iron, steel	8,111
Amerikaland [2]	9	10	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Glaucus	9	9	Brit.	Alfred Holt & Co.	New York, N. Y.	Hongkong, China	General	4,400
Tricolor [2]	9	9	Nor.	Barber Line	New York, N. Y.	Moji, Japan	(12)	5,021
Norfolk Maru	8	10	Jap.	Kawasaki K. Kaisha	New Orleans, La.	Niihama, Japan	Cotton, gen.	7,439
Frank [3]	9	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
El Ciervo [1]	10	10	Brit.	Lobitos Oilfields, Ltd.	Falmouth, Eng.	Ecuador	Ballast	.....
Santore	10	10	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Storstad [1] [2]	9	10	Nor.	Standard Oil of N. J.	Aruba, N. W. I.	Iquique, Chile	(14)	13,230
Hermion [2]	10	10	Nor.	K. Line	Philadelphia, Pa.	Long Beach, Cal.	Ballast	.....
Canada [2]	10	10	Swed.	Johnson Line	Hango, Finland	Vancouver, B. C.	Paper, gen.	2,230
Santa Maria [2]	10	11	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	2,729
Lobos [2]	10	11	Brit.	Pacific Steam Nav. Co.	Hull, England	Valparaiso, Chile.	General	2,500
No. 101 [5]	8	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
L-53 [5]	4	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Gen. Wm. M. Graham. [11]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Anadara [1] [2]	10	11	Brit.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, N. W. I.	Gasoline	11,802
Pennsylvania	11	11	Amer.	Weyerhaeuser S. S. Co.	Tacoma, Wash.	Norfolk, Va.	Lumber, gen.	7,381
Coquet [2]	6	...	Pan.	Richard S. Otto	San Diego, Calif.	Miami, Fla.	Ballast	.....
Nero [2]	11	13	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	(16)	436
Manizales	11	14	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	836
King Frederick	11	11	Brit.	Canadian Transp. Co.	Crofton, B. C.	Hull, England	Wheat, lum.	7,984
Baarn	11	12	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	8,386
Aliakmon	11	12	Greek.	Ventas de Salitre	Ant'fagasta, Chile	Gibraltar [15]	Nit. of soda.	7,568
Compadre [2] [6]	7	13	Amer.	Lemont M. Cochran.	Los Angeles, Cal.	Miami, Fla.	Ballast	.....
Clio [2]	11	13	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	338
Telde	12	12	Hond.	United Fruit Co.	Pto. Arm'les, R. P.	Mobile, Ala.	Bananas	692
Point Lobos	12	12	Amer.	Swayne & Hoyt	Seattle, Wash.	Tampa, Fla.	Lumber, gen.	6,200
Istmo	12	13	Pan.	Elliot Ship. & Land Co.	Tumaco, Col.	Cristobal, C. Z.	Coffee, gen.	653
West Notus	12	12	Amer.	McCormick S. S. Co.	Seattle, Wash.	New York, N. Y.	Lumber, gen.	7,066
Elg [2]	12	12	Nor.	Anglo-Can. S. S. Co.	Vancouver, B. C.	London, England	Lumber	6,000
Real [2]	12	13	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	41
Tuira [2]	12	13	Pan.	Julio Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	43
Marore	13	13	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Noto Maru [1] [2]	12	13	Jap.	Nippon Yusen Kaisha	Keelung	New York, N. Y.	Oil, gen.	3,334
Chiriqui [2]	13	25	Pan.	Elliot Ship. & Land Co.	Panama, R. P.	Cristobal, C. Z.	Ballast	.....
Nyhaug [2]	12	13	Nor.	Statesmarine N. Y.	Darien, R. P.	Philadelphia, Pa.	Ore, gen.	5,816
Montanan	13	13	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	5,568
Berganger [2]	13	13	Nor.	Interocean S. S. Corp.	Seattle, Wash.	Rotterdam, Neth.	Grain, gen.	8,340
Rotorua	12	13	Brit.	N. Z. Shipping Co.	Lyttleton, N. Z.	Glasgow, Scot.	Frozen, gen.	6,831
Porto Bello [2]	12	13	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(17)	14
Chloe	13	14	Greek.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [15]	Nit. of soda.	8,270
Kosei Maru [2]	13	14	Jap.	Hiroumi Shoji Kaisha	Iloilo, P. I.	Baltimore, Md.	Sugar, gen.	8,862
Gannet [4]	14	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Pan Scandia [1] [2]	14	14	Nor.	Standard Oil of N. J.	Talara, Peru	Aruba, N. W. I.	(18)	14,966
San Diego	14	14	Fr.	French Line	Vancouver, B. C.	Havre, France	General	6,886
Lancaster Castle	14	14	Brit.	Chile Nit. Sales Corp.	Taltal, Chile	Alexandria, Egypt	Nitrate	8,560
Chateau Thierry [8]	11	15	Amer.	U. S. Army	Balboa, C. Z.	New York, N. Y.	Army stores.	19
Trecarrell	14	14	Brit.	Hain S. S. Co.	Alberni, B. C.	London, England	Grain, lum.	7,350
Memphis City	14	14	Amer.	Isthmian S. S. Lines.	Pt. Allen, T. H.	Baltimore, Md.	(19)	4,146
Treherbert	14	14	Brit.	Seaboard Ship. Co.	Nanoose, B. C.	S'ampton, Eng.	Lum., wheat	7,028
L. A. Christensen.	14	15	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Charleston, S. C.	Nit. of soda.	7,673
Rhea [1] [2]	14	15	Fr.	Cie. Auxiliaire de Nav.	Talara, Peru	Dunkerque, Fr.	Crude oil	11,125
Isthmian	15	15	Amer.	Continental Grain Co.	Portland, Oreg.	Cork, Ireland	Grain	9,534
Kishacoquillas [1]	15	16	Amer.	Com. Molasses Corp.	Kahului, T. H.	Mobile, Ala.	Molasses	7,760
Fortuna [2]	15	20	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	63
Abraham Lincoln [2]	15	16	Nor.	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	General	7,011
Nereus	15	15	Greek.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [15]	Nitrate	8,850
Santa Lucia	14	15	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	General	4,717
Salvador	15	22	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	983
Tropic Star	15	15	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Wilmington, N. C.	Nitrate	8,245
Lieut. Col. H. C. Schumm. [4]	15	24	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Sona [2]	15	16	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	26
Chilore	16	16	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,600
Canada [2]	16	16	Dan.	East Asiatic Co.	Vancouver, B. C.	Copenhagen, Den.	General	9,620
Vinni [2]	15	16	Nor.	Kawasaki K. Kaisha	Kobe, Japan	New Orleans, La.	General	2,168
Texan	16	16	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	5,850

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [8] Transport. [11] Mine planter. [13] Scrap iron, general. [14] Fuel and Diesel oil. [15] For orders. [16] Coffee, hides, ivory nuts. [17] Plantains, lumber. [18] Gasoline, kerosene. [19] Canned pineapples, canex.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Clatsop [13]	16	22	Amer.	U. S. Army	Portland, Oreg.	Philadelphia, Pa.	Ballast	.....
Sessa	16	16	Dan.	West Coast Line	Coronel, Chile	New York, N. Y.	General	2,676
Olney [1]	16	17	Amer.	Shell Oil Co	Los Angeles, Cal.	Norfolk, Va.	Gasoline	9,159
Osnabruck [2]	17	17	Ger.	North German Lloyd.	Talcahuano, Chile	Hamburg, Ger.	General	5,861
Mataroa	17	18	Brit.	Shaw, Savill & Albion	Auckland, N. Z.	London, England	Frozen, gen.	4,158
Snestad [2]	17	17	Nor.	Fern Line	Manila, P. I.	Wilmington, N.C.	(15)	7,103
Winslow [5]	17	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Andrea F. Luckenbach.	17	18	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	11,169
Norvik [1] [2]	17	18	Pan.	JohnaRasmussen&Co.	Los Angeles, Cal.	Lands End [14]	Benzine	13,408
Arkansan	18	18	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	General	4,973
Platano	18	18	Pan.	United Fruit Co.	Pto. Arm'les, R.P.	New York, N. Y.	Bananas, gen	1,237
Nero [2]	18	19	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee	270
Trois Ilets	18	19	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	311
Ingerseks	18	18	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Savannah, Ga.	Nitrate	7,775
Istmo	18	20	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	(16)	655
Yorkmar	18	18	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Baltimore, Md.	Copper, lum.	7,364
Salacia [2]	18	19	Brit.	Donaldson Bros., Ltd.	Vancouver, B. C.	Glasgow, Scot.	General	7,199
Hokuroku Mary [2]	18	19	Jap.	Osaka Shosen Kaisha	Kobe, Japan	Baltimore, Md.	General	2,340
Ino [2]	18	20	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	180
Kiyosumi Maru [2]	19	19	Jap.	Kokusai K. Kaisha	Manila, P. I.	Houston, Tex.	(17)	7,189
Jacob Luckenbach	19	19	Amer.	Luckenbach Line	Portland, Oreg.	Mobile, Ala.	General	5,093
Durazzo	19	21	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	885
Honolulan	19	19	Amer.	Chile Nit. Sales Corp.	Tocopilla, Chile	Pensacola, Fla.	Bulk nit.	10,700
Orotava	19	19	Hond.	United Fruit Co.	Pto. Arm'les, R.P.	Mobile, Ala.	Bananas	505
Luna [2]	19	19	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(18)	18
Sona [2]	19	20	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
La Union [2]	19	20	Pan.	A. A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	25
Tuira [2]	19	20	Pan.	Julio Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	42
Amerikaland [2]	19	20	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,600
San Simeon	19	20	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,082
Pacific Shipper [2]	18	20	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot.	General	8,602
Royal Star	20	21	Brit.	Blue Star Line	N.Westm'er, B.C.	Rotterdam, Neth.	Frozen, gen.	6,046
Elin K. [2]	20	20	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Eastcoast, U.S.A.	Nit. of soda.	8,325
Awata Maru [2]	20	20	Jap.	Nippon Yusen Kaisha	Nagasaki, Japan.	Hamburg, Ger.	General	5,750
Hawaiian	20	21	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	4,477
Viriginia	21	22	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	7,666
Erlangen	21	23	Ger.	North German Lloyd.	Melbourne, Aust.	Baltimore, Md.	Flour	7,152
Pacific	21	22	Amer.	Weyerhaeuser S. S. Co.	Longview, Wash.	Boston, Mass.	Lumber, gen.	7,677
Umberleigh	22	22	Brit.	Anglo-Can. S. S. Co.	Victoria, B. C.	London, England	(19)	8,400
Santa Maria [2]	22	22	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	General	4,511
Huntress	22	22	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Alexandria, Egypt	Nitrate	8,200
Atutasan Maru [2]	22	22	Jap.	Mitsui Bussan Kaisha	Manila, P. I.	New York, N. Y.	General	7,970
Nebraskan	22	22	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	4,554
Real [2]	21	23	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	33
Lieut. Col. H. C. Schumm. [4]	22	24	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Sea Horse [2]	22	...	Amer.	N. E. Parker	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Buenos Aires [2]	22	23	Swed.	Johnson Line	La Union, Sal'dor	Goth'burg, Swed.	General	7,979
Orestes	22	23	Neth.	Royal Neth. S. S. Co.	Talcahuano, Chile	Hamburg, Ger.	General	4,417
Toulouse [2]	22	23	Nor.	Barber Wilhelmsen	Davao, P. I.	New York, N. Y.	General	7,228
Samuel Bakke [2]	23	23	Nor.	Knut Knutsen	Vancouver, B. C.	Belfast, Ireland	Lumber, gen.	6,947
Tatsuno Maru	23	23	Jap.	Nippon Yusen Kaisha	Manila, P. I.	New Orleans, La.	Sugar, gen.	8,364
Eridan [2]	23	24	Fr.	French Line	Noumea, N.Caled	Marseilles, Fr.	Coffee, gen.	3,645
Palatia [2]	23	24	Ger.	Hamburg-Amer. Line.	Corinto, Nic.	Hamburg, Ger.	General	3,002
Ardangorm	23	23	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Pensacola, Fla.	Nit. of soda.	8,424
Wildwood	23	24	Amer.	Amer.-For. S. S. Corp.	Tacoma, Wash.	New York, N. Y.	Lumber	6,760
Narenta	23	24	Brit.	Royal Mail Lines	Seattle, Wash.	Liverpool, Eng.	General	4,430
NewZealandStar [2]	24	24	Brit.	Blue Star Line, Ltd.	N.Plymouth, N.Z.	London, England	Frozen, gen.	8,502
Taranger [2]	24	24	Nor.	Interoceean S. S. Corp.	Seattle, Wash.	Rotterdam, Neth.	(20)	7,210
Treverbyn	24	24	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Liverpool, Eng.	(21)	7,654
Canadian	24	24	Amer.	Chile Nit. Sales Corp.	Valparaiso, Chile.	New York, N. Y.	Nit. of soda	8,100
Drechtdijk [2]	24	25	Neth.	N. Pac. Coast Line	Victoria, B. C.	Rotterdam, Neth.	General	9,844
Jevington Court	24	24	Brit.	Court Line, Ltd.	Pt. Alberni, B. C.	Manchester, Eng.	Wheat, lum.	7,209
General Wm. M. Graham. [11]	24	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Musa	25	25	Pan.	United Fruit Co.	Pto. Arm'les, R.P.	New York, N. Y.	Bananas	1,440
Clio [2]	25	26	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	155
Lillian Luckenbach.	25	25	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen	7,634
Silverbelle [2]	25	25	Brit.	Silver Line	S. Francisco, Cal.	Calcutta, India	General	6,178
Orazio [2]	25	26	Ital.	Italia S. A.	Valparaiso, Chile.	Genoa, Italy	General	2,445
Ino [2]	25	27	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, skins	374
Barrington Court.	25	25	Brit.	Chile Nit. Sales Corp.	Antof'gasta, Chile	Azores [14]	Nitrate	7,400
Phaeax	25	25	Greek.	Phaeax Co.	Pt. Alberni, B. C.	Hull, England.	Wheat, lum.	10,628
Winslow [6]	25	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [11] Mine planter. [13] Dredge. [14] For orders. [15] Chrome ore, sugar, lumber. [16] Coffee, medicine. [17] Sugar, silk, general. [18] Plantains, lumber. [19] Zinc, concentrates, lumber. [20] Wheat, logs, general. [21] Wheat, lumber, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Charles Christenson.	25	26	Amer..	Arrow Line	Aberdeen, Wash.	Boston, Mass.	Lumber	7,500
Seattle [2]	26	27	Ger...	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	7,600
Pereira	25	28	Pan...	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	918
Telde	26	26	Hond..	United Fruit Co.	Pto. Arm'les, R. P.	Mobile, Ala.	Bananas	842
Roxen	25	26	Swed..	Transatlantic S. S. Co.	Pt. Pirie, Aust'lia	Newcastle, Eng.	Lead, gen.	7,702
Salamaua [2]	25	28	Brit...	Desikoko Co.	Rabaul, N. Guinea	Rotterdam, Neth.	Ore, copra	7,750
Cerigo	26	28	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,176
Trois Ilets	26	28	Fr....	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	289
Evinos	26	26	Greek.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrate	8,300
S-45 [7]	26	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Ferndale [2]	26	26	Nor...	Fearnley & Eger	Mambaguid, P. I.	N. Atl. ports., U. S.	Sugar	7,400
Tuira [2]	26	27	Pan...	Julio Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	54
Firmore	26	27	Amer..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	15,000
Emergency Aid	26	27	Amer..	Seaboard Ship. Co.	Englewood, B. C.	Boston, Mass.	Lumber	7,750
Nordnes	26	27	Nor...	Canadian Transp. Co.	Vancouver, B. C.	Newcastle, Eng.	Lumber	7,217
El Aleto [1] [2]	27	27	Brit...	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Cobh, Ireland	Crude oil	10,081
Sage Brush	27	27	Amer..	Shepard S. S. Co.	Pt. Angeles, Wash.	Boston, Mass.	Lumber, gen.	7,721
Asuka Maru [2]	27	27	Jap...	Nippon Yusen Kaisha	Kobe, Japan	Boston, Mass.	Sugar, gen.	8,214
Istmo	27	2	Pan...	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	656
Luna [2]	27	1	Pan...	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(14)	20
Carolinian	27	28	Amer..	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	7,810
Santa Inez [2]	28	28	Amer..	Grace Line	Chanaral, Chile	New York, N. Y.	General	3,547
Cornwallis	28	28	Brit...	Chile Nit. Sales Corp.	Tocopilla, Chile	Wilmington, N. C.	Nitrate	7,960
Port Montreal [2]	28	1	Brit...	M. A. N. Z. Line	Noumea, N. Caled	Halifax, N. S.	General	6,411
Maggie Sail	27	...	Amer..	Jas. M. Young	Miraflores, C. Z.	Balboa, C. Z.	Ballast	.....
Bordeaux Maru	28	1	Jap...	"K" Line	Manila, P. I.	Houston, Tex.	Silk, gen.	5,821
Nuevo Panama [2]	28	5	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	108
Marpesia	28	1	Nor...	N. Atl. & Gulf Co.	Callao, Peru.	Manzanillo, Cuba	Ballast	.....
Babbitt [9]	1	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Cape Nelson	1	1	Brit...	Chile Nit. Sales Corp.	Iquique, Chile	Charleston, S. C.	Nitrate	6,275
Acajutla	1	8	Brit...	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	General	605
San Jose	1	2	Fr....	French Line	Vancouver, B. C.	Havre, France	General	6,519
Iddesleigh	1	1	Brit...	Canadian Transp. Co.	Vancouver, B. C.	Immingham, Eng.	Grain, lum.	9,150
Steel Maker	1	1	Amer..	Isthmian S. S. Lines.	S. Francisco, Cal.	Baltimore, Md.	Lumber, gen.	6,658
Gryfevale	1	1	Brit...	Chile Nit. Sales Corp.	Antof'gasta, Chile	Azores [13]	Nit. of soda	7,680
Charleston [12]	1	1	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Frank [2]	1	5	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	36
Real [2]	1	2	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	39
Louisianan	1	2	Amer..	Chile Nit. Sales Corp.	San Antonio, Chile	Baltimore, Md.	Copper, nit.	8,290
Mallard [4]	2	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Washington Express. [2]	1	2	Nor...	Fruit Express Line	Seattle, Wash.	Glasgow, Scot.	Fresh fruit	2,100
Dakotan	2	2	Amer..	Amer.-Hawaiian Line.	Los Angeles, Cal.	Boston, Mass.	General	7,357
Point Caleta	2	2	Amer..	Swayne & Hoyt	Seattle, Wash.	Mobile, Ala.	General	6,402
Pacific Pioneer [2]	1	2	Brit...	Furness, Withy & Co.	Victoria, B. C.	Glasgow, Scot.	(15)	8,848
Montgomery City	2	3	Amer..	Isthmian S. S. Lines.	Portland, Oreg.	Avonmouth, Eng.	General	8,060
Alpha [5]	2	...	Amer..	James B. Ernest	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Kaimata [2]	27	3	Brit...	M. A. N. Z. Line	Lyttleton, N. Z.	Halifax, N. S.	General	1,228
Clio [2]	3	5	Neth..	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	General	388
Marna	3	3	Dan...	J. Lauritzen	Iquique, Chile	New York, N. Y.	(16)	2,550
Minerva [2]	3	3	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile	Charleston, S. C.	Nit. of soda	9,370
Manizales	3	8	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,128
Este	3	4	Ger...	North German Lloyd.	Vancouver, B. C.	Bremen, Ger.	General	8,937
President Herrenschmidt. [1] [2]	3	3	Nor...	Pechelbronn	La Libertad, Ecu.	Donges, France	Crude oil	13,143
Margaret Johnson. [2]	3	4	Swed..	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	General	5,819
Dresden [2]	3	4	Ger...	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	6,737
Nako Maru [2]	3	4	Jap...	Nippon Yusen Kaisha	Keelung, Japan	Baltimore, Md.	General	2,004
Mathew Luckenbach.	3	4	Amer..	Luckenbach-Gulf Co.	Portland, Oreg.	Mobile, Ala.	General	4,370
San Vincente	3	4	Amer..	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,658
Wind [2]	4	4	Nor...	Comp. Gen. de Tobacos	Iloilo, P. I.	New York, N. Y.	Sugar	7,250
Kyphissia	4	6	Ger...	Hamburg-Amer. Line.	Champ'ico, Guat.	Hamburg, Ger.	Coffee, gen.	2,457
Chiriqui [2]	4	4	Pan...	United Fruit Co.	Panama, R. P.	Covenas, Colom.	Ballast	.....
Pastores	4	4	Amer..	United Fruit Co.	Pto. Arm'les, R. P.	New York, N. Y.	Bananas	1,399
Newton Beech	4	4	Brit...	Ridley, Son & Tully.	Vancouver, B. C.	Liverpool, Eng.	General	7,010
Geisha [2]	4	4	Nor...	Seand. S. Pac. Line	Valparaiso, Chile.	Goth'burg, Swed.	General	6,724
Winslow [5]	4	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Nero [2]	5	6	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	391
Orotava	5	5	Hond..	United Fruit Co.	Pto. Arm'les, R. P.	Mobile, Ala.	Bananas	8,000
Gregalia	5	5	Brit...	Donaldson Bros.	Vancouver, B. C.	Glasgow, Scot.	General	7,159
Trois Ilets	5	8	Fr....	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	167
Luna [2]	5	...	Pan...	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(14)	7
La Union [2]	5	6	Pan...	A. A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	20
Bethore	6	6	Amer..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,200
Erria [2]	6	6	Dan...	E. Nielsen	Los Angeles, Cal.	Copenhagen, Den	General	6,652

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [9] Destroyer. [12] Cruiser. [13] For orders. [14] Plantains, lumber. [15] Fresh fruit, general. [16] Nitrate, beans, garlic.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Paul Harneit [1] [2]	5	6	Ger...	Standard Oil of N. J..	Talara, Peru....	Hamburg, Ger...	Gasoline....	13,963
Nordhval [2].....	6	6	Dan...	W. I. Trading Co....	Manila, P. I.....	New Orleans, La.	Sugar.....	7,750
African Reefer [2]..	6	6	Dan...	J. Lauritzen.....	Los Angeles, Cal.	Rotterdam, Neth.	Oranges....	1,818
Kansan.....	6	6	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass....	General.....	7,425
Reina del Pacifico [2]	5	7	Brit...	Pacific Steam Nav.Co.	Valparaiso, Chile.	Liverpool, Eng.	General.....	5,194
Real [2].....	6	7	Pan...	Elliot Ship. & Land Co.	Panama, R. P...	Cristobal, C. Z..	Drums.....	36
Trojan Star.....	7	7	Brit...	Blue Star Line.....	Auckland, N. Z..	London, England	Frozen, gen.	5,767
Edwin Christenson.	6	7	Amer..	Canadian Gulf Line..	Powell Riv., B. C.	Houston, Tex....	([15])	6,771
Tacoma Star.....	6	7	Brit...	Blue Star Line.....	N.Westm'er,B.C.	Newcastle, Eng..	Frozen, gen.	5,567
Navarino.....	7	7	Brit...	Glasgow Shipowners..	Vancouver, B. C.	London, England	Lum., wheat.	8,740
Philante [2].....	5	7	Brit...	T. O. M. Sopwith....	Puerto Jimenez..	S'ampton, Eng..	Ballast.....	.....
Istmo.....	7	...	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee, steel.	661
Gera.....	7	7	Ger...	Hamburg-Amer. Line.	Wellington, N. Z.	Lands End [14]...	Wool, hides.	1,200
Port Jackson [2]...	7	7	Brit...	Port Line.....	Wellington, N. Z.	London, England	General.....	7,684
Anna Maersk [2]..	7	8	Dan...	A. P. Moller.....	Cebu, P. I.....	Baltimore, Md...	General.....	5,504
Myoko Maru [2]..	6	7	Jap...	Mitsui Line.....	Iloilo, P. I.....	New York, N. Y.	Silk, general.	6,810
California.....	7	8	Amer..	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General.....	7,964
Schlesien [13].....	7	...	Ger...	German Government.	Valparaiso, Chile.	Wilhelmsh'n,Ger.	.....	.....
Mayan.....	8	...	Amer..	Grace Line.....	Champ'ico, Guat.	Cristobal, C. Z..	Genral.....	1,265
Gypsum Queen...	8	8	Brit...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Wilmington,N.C.	Nitrate.....	6,300
Horace Luckenbach.	7	8	Amer..	Luckenbach Line....	Seattle, Wash...	Boston, Mass....	General.....	8,588
Bodegraven.....	8	9	Neth..	Royal Neth. S. S. Co.	Corral, Chile....	Hamburg, Ger...	General.....	8,218
Fortuna [2].....	8	...	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	83
Wave [2].....	8	9	Nor...	Yamashita K. Kaisha	Kobe, Japan....	Buenos Aires,Arg.	General.....	2,329
Hollywood.....	8	8	Amer..	McCormick S. S. Co.	Seattle, Wash...	Philadelphia, Pa.	Lumber, gen.	7,024
Ahto [2] [6].....	7	11	Eston.	Charles Jencks.....	Galapagos.....	New York, N. Y.	Ballast.....	.....
Texmar.....	8	8	Amer..	Calmar S. S. Corp...	Longview, Calif..	Philadelphia, Pa.	Lumber.....	6,671
Rudolf Albrecht [1]	7	8	Ger...	German Navy.....	Buenos Aires,Arg.	Wilhelmsh'n,Ger.	Fuel oil.....	1,100
Tennessean.....	8	9	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Baltimore, Md...	General.....	7,064
Primero [2].....	9	9	Nor...	Chile Nit. Sales Corp.	Iquique, Chile...	Savannah, Ga...	Nitrate.....	7,760
Hegira.....	9	9	Amer..	Weyerhaeuser S.S.Co.	S. Francisco, Cal.	Norfolk, Va.....	Lumber, gen.	10,500
Arizona.....	9	10	Fr....	French Line.....	Talcahuano,Chile	Havre, France...	General.....	7,953
SinningtonCourt..	8	9	Brit...	Canadian Transp. Co.	Vancouver, B. C.	Garston, England	Lumber....	9,026
Republic [8].....	8	10	Amer..	U. S. Army.....	Honolulu, T. H..	New York, N. Y.	Army stores.	314
Norse King.....	8	9	Nor...	Odd Godager.....	Victoria, B. C...	Immingham,Eng.	Lumber.....	7,500
Zacapa.....	10	10	Amer..	United Fruit Co.....	S. Francisco, Cal.	Mobile, Ala.....	Ballast.....	.....
San Calisto [1] [2]..	10	10	Brit...	Eagle Oil & Ship. Co..	Los Angeles, Cal.	Lizard, Eng. [14]..	Gasoline....	11,058
Gretavale.....	10	11	Brit...	Chile Nit. Sales Corp.	Iquique, Chile...	Gibraltar [14].....	Nitrate.....	7,438

[1] Tanker. [2] Motor ship. [6] Yacht. [8] Transport. [13] Training ship. [14] For orders. [15] Newsprint, shingles.

Comparison of Traffic at the Suez and Panama Canals for the First Seven Months of the Fiscal Years 1937 and 1938

The following is a comparison of traffic at the Suez and Panama Canals for the first seven months of the fiscal years 1937 and 1938:

Month	Suez Canal				Panama Canal			
	Number of transits		Percent		Number of transits		Percent	
	1936–7	1937–8	Increase	Decrease	1936–7	1937–8	Increase	Decrease
July.....	466	551	18.2	.....	456	457	0.2	.....
August.....	471	532	13.0	.....	473	505	6.8	.....
September.....	479	522	9.0	.....	466	444	.....	4.7
October.....	490	557	13.7	.....	482	461	.....	4.4
November.....	511	525	2.7	.....	368	435	11.8	.....
December.....	508	541	6.5	.....	341	439	28.7	.....
January.....	575	543	.....	5.6	399	444	11.3	.....
Total.....	3,500	3,771	10.8	.....	2,985	3,185	6.7	.....

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from tanks of The Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $1.10 per barrel at Cristobal and Balboa; Diesel oil, $2.00 per barrel at Cristobal and Balboa.

Revised Measurement System

Effective March 1, 1938, in conformity with the provisions of recent legislation, the new Rules of Measurement and Rates of Toll became the sole basis of determining tolls charges for transit of the Panama Canal, nullifying the dual system under which tolls were formerly assessed.

Every effort is being made by the Canal authorities to derive the tonnage under the new rules with as little delay as possible to shipping using the Canal. For the purpose of facilitating this work the admeasurement force has been temporarily increased.

In this connection the following supplement to Tariff No. 12 became effective March 1, 1938:

Supplement No. 9 to Tariff No. 12—Item 3, Tolls

(Effective March 1, 1938)

BALBOA HEIGHTS, C. Z., *February 12, 1938.*

Revised in accordance with the President's Proclamations No. 2247, August 25, 1937, and 2249, August 31, 1937, as follows:

For the use of the Panama Canal—

1. Complete transit (one way)—
   (a) Merchant vessels, yachts, army and navy transports, colliers, hospital ships, and supply ships, when carrying passengers or cargo—
   Per net vessel-ton of 100 cubic feet each of actual earning capacity—that is, the net tonnage determined in accordance with the Rules for the Measurement of Vessels for the Panama Canal $0.90
   Note.—Under the Act approved August 24, 1937 (50 Stat. 750, U. S. C. title 48, sec. 1315), the rate of tolls on laden vessels shall not exceed $1.00 nor be less than 75 cents per net vessel-ton determined in accordance with the Rules for the Measurement of Vessels for the Panama Canal.
   (b) Vessels in ballast without passengers or cargo—
   Per net vessel-ton ..... .72
   (c) Other floating craft, including warships, other than transports, colliers, hospital ships, and supply ships—
   Per ton of displacement ..... .50
2. Part transit—
   Vessels returning from Gatun Lake to original point of entry into the Canal, without passing through the locks at the other end, are charged tolls for one passage only.
3. Free transit—
   Vessels transiting the Panama Canal by prearrangement from Cristobal to Balboa and return for the sole purpose of having repairs made at Balboa drydock and shops will be exempt from payment of tolls, but a charge will be made for pilotage and for handling lines as provided for in the current tariff or supplements thereto.

GLEN E. EDGERTON,
Acting Governor, The Panama Canal,
2d Vice President, Panama Railroad Company.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies available for sale to ships at stock price cost plus 20 percent surcharge which covers ocal freight, handling, and other costs.

Postal and Telegraphic Address of The Panama Canal

The postal address is, "The Panama Canal, Balboa Heights, Canal Zone," or "The Panama Canal, Washington, D. C."

Mail for ships passing through the Canal or touching at either of the terminal ports should be addressed to "Cristobal, Canal Zone."

The cable and radio address of The Panama Canal, on the Isthmus, is "Pancanal, Panama;" in the United States, "Pancanal, Washington."

Notice to Steamship Owners and Agents

BALBOA HEIGHTS, C. Z., *February 23, 1938.*

SUBJECT: INCREASE IN FUEL ALLOWANCE FOR VESSELS IN BALLAST

By Executive Order No. 7813 of February 14, 1938, effective March 1, 1938, the President amended Rule 16 of Executive Order No. 4314, governing navigation of the Panama Canal and adjacent waters. Pursuant to the said amendment to Rule 16, the following regulations for vessels in ballast are hereby prescribed effective March 1, 1938, and shall on that date supersede the regulations on the same subject set forth in the Notice to Steamship Owners and Agents dated April 5, 1932 and in the Panama Canal pamphlet entitled Measurement of Vessels, 1938 Edition (page 7):

1. In order for a vessel to secure the reduced or ballast rate for transit of the Panama Canal there must be on board no passengers or cargo of any description in any quantity whatsoever and the amount of coal or other fuel on board for the vessel's own consumption must not exceed in volume 125 percent of the volume of its engine room as measured and as shown on page 2 of the Panama Canal Tonnage Certificate.

2. On arrival vessels must have ready a statement of the fuel account to which the Master may be required to take oath. Coal carried outside of the regular bunkers as well as that carried in the bunkers should be so arranged as to be readily measured.

3. In any case in which the amount of fuel on board exceeds the allowance the vessel will be charged the laden rate and masters of vessels that wish to benefit by the reduced or ballast rate should be careful not to have on board at time of arrival more fuel than the permissible amount as stated in paragraph 1 above.

4. The allowance of bunker fuel for the ballast rate will be computed at 40 cubic feet per long ton of coal or 38 cubic feet per long ton of oil. The amount of the fuel allowance in long tons will be found at the bottom of page 2 of the Panama Canal Tonnage Certificate.

5. This increase in the fuel allowance for vessels in ballast does not in any way affect the deduction for Propelling Power or the Panama Canal Net Tonnage on which tolls charges are determined.

GLEN E. EDGERTON,
Acting Governor.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices, including the 20 percent surcharge, to individuals and companies, as of February 28, 1938:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.23
Brass, sheet, average	Lb.	.30
Bronze, Tobin, average	Lb.	.22
Gasoline, motor grade	Gal.	.105
Metal, yellow	Lb.	.26
Oakum, Navy, spun	Lb.	.19
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.28
Oil, burning, Colza	Gal.	1.02
Oil, engine, gas, light, in drums, No. 2135	Gal.	.24
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.32
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.28
Oil, kerosene, in drums	Gal.	.10
Oil, marine, engine	Gal.	.38
Paint, lead, white, dry	Lb.	.11
Paint, lead, white, in oil	Lb.	.12
Paint, zinc oxide, dry	Lb.	.08
Paint, zinc oxide, in oil	Lb.	.12
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, No. 3, medium	Lb.	.06
Grease, yellow, cup, No. 5, hard	Lb.	.07
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.12
Waste, cotton, white	Lb.	.13

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES

OILS, FORCE FEED AND MOTOR CYLINDER

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motor cycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventative and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steamshovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Hours of Departure of Passenger Trains

Following are the hours of departure of the regular passenger trains of the Panama Railroad running between the Atlantic and the Pacific sides:

From Colon: Daily, 7:25 a. m.; 11 a. m.; 5 p. m.; 10 p. m.

From Panama: Daily, 7:10 a. m.; 1:10 p. m.; 5 p. m.; 7:55 p. m.

The time required for passage from one terminal to the other is 1 hours and 25 minutes.

Binders for The Panama Canal Record

Cardboard covers, punched and fitted with brass fasteners forming binders for THE PANAMA CANAL RECORD are offered for sale at 25 cents a set, for the benefit of those who wish to keep a file of the issues for ready reference. Orders may be addressed to The Panama Canal, Balboa Heights, Canal Zone, or The Panama Canal, Washington, D. C.

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Information from American Consuls

The Consular officers of the United States at seaports all over the world are *ex officio* representatives of The Panama Canal for the purpose of furnishing information to shipping and allied interests as to conditions, charges, etc., at the Panama Canal affecting the operation of ships. The current publications of The Panama Canal of interest to shipping are furnished to the Consular officers and filed for reference.

It is not desired that inquiries of a general nature be addressed to the Consular officers, or that they be burdened with requests which should be made direct to The Panama Canal; but ships' operators who may not be sufficiently advised as to charges, supplies, facilities, etc., at the Canal will often save time by applying to the nearest American Consul.

Location of Patients and Visiting Hours at Gorgas Hospital

The following table shows the distribution of patients in the Gorgas Hospital buildings and the visiting hours for the various wards and sections:

Section and Ward	Visiting Hours
Section "A:"	
Ward 2	Wards: Tuesdays, Thursdays, and Saturdays, 2:30 to 4:30 p. m.; 6:30 to 7:30 p. m. Sundays and holidays, 9:30 to 11:30 a. m.; 2:00 to 4:00 p. m. Private rooms: Same as Section "B."
Ward 3	
Ward 4, Private rooms	
Section "B:"	
Ward 5, Male, private rooms, American boys	Daily, 9:30 to 11:00 a. m.; 2:00 to 4:30 p. m.; 6:30 to 8:00 p. m.
Ward 6, Foreign, male and female, private rooms, American girls	
Ward 7, White female, private rooms	
Ward 8, Obstetrical department, white females	
Nursery	No visitors permitted in nursery.
Section "C:"	
Ward 9, Colored, male	Colored wards: Wednesdays, Fridays, Sundays, and holidays, 1:00 to 2:30 p. m. Visitors from Atlantic Side may remain until 3:00 p. m.
Ward 10, White foreign, male	
Ward 11, Colored, male (surgical)	
Ward 12, Colored, male (medical)	
Ward 13, Colored, male, G. U.	
Ward 14, White, male, G. U.	Tuesdays, Thursdays, Saturdays, 2:30 to 4:30 p. m.; 6:30 to 7:30 p. m. Sundays and holidays, 9:30 to 11:00 a. m.; 2:30 to 4:30 p. m.; 6:30 to 7:30 p. m.
Section "D:"	
Ward 15, American, male (surgical)	Tuesdays, Thursdays, Saturdays, 2:30 to 4:30 p. m.; 6:30 to 7:30 p. m. Sundays and holidays, 9:30 to 11:00 a. m.; 2:30 to 4:30 p. m.; 6:30 to 7:30 p. m.
Ward 16, American, male (medical)	
Ward 17, Colored children	Wednesdays, Fridays, Sundays, and holidays, 1:30 to 3:00 p. m.
Ward 18, White children	Daily, 9:30 to 11:00 a. m.; 2:00 to 4:30 p. m.
Ward 19, Colored, female (medical)	Wednesdays, Fridays, Sundays and holidays, 1:00 to 2:30 p. m. Visitors from Atlantic Side may remain until 3:00 p. m.
Ward 20, Colored, female, surgical, obstetrical	
Isolation section	No visitors permitted except adults to visit tuberculosis patients, Thursdays, Sundays and holidays, 1:30 to 3:00 p. m.

Permission to visit outside of visiting hours may be granted upon application to the Superintendent's office.

Immediate relatives of seriously ill patients will be admitted at any time by and in the discretion of the attending physician, section nurse, and in her absence, the nurse in charge.

THE PANAMA CANAL RECORD

OFFICIAL PUBLICATION OF THE PANAMA CANAL

PUBLISHED MONTHLY

Subscription rates, domestic, $0.50 per year; foreign, $1.00; address The Panama Canal Record, Balboa Heights, Canal Zone, or, for United States and foreign distribution, The Panama Canal, Washington, D. C.

Entered as second-class matter February 6, 1918, at the Post Office at Cristobal, C. Z., under the Act of March 3, 1879.

Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Volume XXXI Balboa Heights, C. Z., April 15, 1938 No. 9

Traffic Through the Panama Canal in March 1938

The total vessels of all kinds transiting the Panama Canal during the month of March 1938, and for the same month in the two preceding years, are shown in the following tabulation:

	March 1936	March 1937	March 1938		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	526	536	271	235	506
Small commercial vessels [1]	55	80	46	31	77
Noncommercial vessels:					
United States Government	40	57	27	13	40
State of California	1	.....	.....	.....	.....
Colombian Government	.....	1	.....	.....	.....
For repairs	.....	1	.....	.....	.....
Total	622	675	344	279	623

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transitng the Canal each month of the 12 months ended March 31, 1938, as compared with the previous 12 months:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8
April	482	473	2,483,561	2,460,549	2,430,134	2,652,880	$2,079,730.70	$2,067,026.68
May	488	544	2,504,215	2,839,127	2,419,652	2,950,925	2,081,103.73	2,376,706.36
June	481	472	2,449,127	2,450,018	2,459,752	2,670,466	2,073,359.39	2,070,337.89
July	456	457	2,364,539	2,395,306	2,450,324	2,476,366	1,999,105.18	2,029,642.45
August	473	505	2,398,306	2,597,119	2,396,331	2,780,603	2,051,540.28	2,195,308.87
September	466	444	2,428,317	2,312,725	2,526,366	2,385,142	2,045,440.82	1,935,673.78
October	482	461	2,499,678	2,359,406	2,463,069	2,438,788	2,081,758.23	1,981,087.87
November	368	435	1,768,738	2,280,565	1,747,368	2,185,283	1,488,054.25	1,893,462.00
December	341	439	1,655,501	2,238,271	1,538,503	2,046,170	1,366,388.68	1,845,048.20
January	399	444	1,915,787	2,219,496	1,855,937	2,095,402	1,598,323.51	1,837,894.72
February	377	436	1,940,611	2,154,222	1,839,788	1,998,827	1,602,306.30	1,786,611.45
March	536	506	2,770,451	2,311,526	3,016,418	2,268,548	2,355,149.04	2,015,585.34
Total	5,349	5,616	27,178.831	28,618,330	27,143,642	28,949,400	22,822,260.01	24,034,385.61

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons measurement (Panama Canal net), which transited the Panama Canal during the month of March 1938. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	46	1,888	$1,582.38	763
Pacific to Atlantic	31	1,791	1,522.62	1,135
Total	77	3,679	3,105.00	1,898

Traffic by Nationality of Vessels[3] for March 1938

Nationality	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
British	130	666,156	$572,490.54	548,905
Chilean	1	5,040	4,536.00	3,057
Danish	24	82,543	69,896.70	63,287
Finnish	1	3,554	3,198.60	4,021
French	7	35,970	32,373.00	34,414
German	[4] 30	113,037	108,389.30	118,459
Greek	3	14,387	12,948.30	25,403
Honduran	2	3,232	2,617.92	800
Italian	4	23,662	21,295.80	17,334
Japanese	28	150,339	135,305.10	183,849
Latvian	1	2,707	1,949.04	.....
Netherland	25	54,289	48,860.10	50,825
Norwegian	67	304,991	257,383.26	337,981
Panamanian	14	18,228	15,302.16	10,878
Peruvian	1	2,259	2,033.10	1,246
Philippine	1	4,047	2,913.84	.....
Swedish	9	41,348	35,423.46	51,905
United States	[5] 156	779,039	683,559.82	813,984
Union of Soviet Socialist Republics	1	1,593	1,433.70	2,200
Yugoslav	1	5,105	3,675.60	.....
Total	506	2,311,526	2,015,585.34	2,268,548

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement. [4] Includes 1 naval training ship, 13,312 displacement tons. [5] Includes 1 dredge, 1,370 displacement tons.

Traffic by Trade Routes for March 1938

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	55	297,669	188,514	43	225,275	301,489
East coast United States and:						
Canada	2	8,858	.....	3	13,536	20,099
Central America	6	15,540	3,406	5	13,959	6,091
South America	24	101,525	18,223	24	99,053	245,728
Hawaiian Islands	4	19,777	23,137	5	23,181	38,817
Australasia	7	42,825	40,282	2	10,305	9,398
Philippine Islands	9	50,047	41,385	17	85,740	122,924
Far East	30	145,119	220,307	3	17,476	10,804
East coast Canada and:						
United States	1	2,675	.....	.....	.....	.....
South America	.....	.....	.....	2	9,195	16,830
Australasia	6	30,539	27,477	2	9,804	7,265
Far East	2	11,970	12,996	.....	.....	.....
East coast Central America and South America	1	4,069	7,369	1	4,069	.....
East coast South America and:						
United States	1	4,572	4,740	.....	.....	.....
Canada	3	13,526	11,913	1	4,569	6,637
Central America	.....	.....	.....	1	1,570	.....
Far East	2	9,548	6,646	2	11,123	3,290
South American intercoastal	2	2,430	3,418	1	2,259	1,246
Cristobal and:						
Central America	4	3,166	2,591	5	3,788	3,925
South America	16	8,904	2,883	18	10,819	9,175
West Indies and:						
United States	4	22,880	.....	1	5,824	11,406
South America	3	17,877	21,729	4	13,052	11,022
Far East	1	3,580	6,513	.....	.....	.....
Europe and:						
United States	16	73,112	9,882	7	30,539	50,761
Canada	32	167,414	27,006	43	214,398	315,170
Central America	3	9,770	7,049	3	7,505	8,161
South America	18	95,999	41,704	23	118,931	186,543
Australasia	12	81,454	49,992	12	88,841	75,224
Egypt and South America	.....	.....	.....	1	4,877	8,612
Africa and:						
United States	.....	.....	.....	1	6,543	8,438
Far East	1	4,930	8,700	.....	.....	.....

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
Asia and United States	.....	.....	.....	1	2,671	1,631
Foreign vessels in ballast (United States intercoastal)	4	19,430	.....	1	1,079	.....
Vessels not engaged in commerce	[6] 2	530	.....	[7] 3	1,810	.....
Total	271	1,269,735	787,862	235	1,041,791	1,480,686

[6] 1 dredge, 1,370 tons displacement, and 1 yacht. [7] 1 naval training ship, 13,312 tons displacement, and 2 yachts.

Origin and Destination of Cargo by Major Areas

The following table summarizes the origin of cargo passing through the Canal in March 1938, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	192,834	27,017	269,417	17,590	36,574	543,432
Other North America	1,959	5,946	7,065	42,208	38,712	95,890
Europe	23,836	19,306	.....	31,373	42,038	116,553
Miscellaneous	9,010	5,327	14,015	3,208	427	31,987
Total	227,639	57,596	290,497	94,379	117,751	787,862

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	298,342	23,707	163,866	8,423	494,338
Canada	16,684	2,469	197,761	389	217,303
Other North America	44,908	4,270	22,316	.....	71,494
South America	244,312	39,860	171,983	9,858	466,013
Australasia	14,222	2,574	75,091	.....	91,887
Asia	136,433	2,513	.....	705	139,651
Total	754,901	75,393	631,017	19,375	1,480,686

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during March 1938 or March 1937 are listed below:

Commodity	March		Commodity	March	
	1937	1938		1937	1938
Atlantic to Pacific			*Pacific to Atlantic*—Continued		
Automobiles and parts	31,536	29,340	Borax	15,836	3,110
Canned food products	19,773	11,550	Canned food products	168,654	92,449
Cement	16,477	8,836	Coffee	23,761	18,023
Chemicals [8]	13,809	9,541	Cold storage (food products) [9]	46,448	43,512
Coal and coke	9,341	14,068	Copra	14,714	6,279
Cotton, raw	25,438	21,229	Cotton, raw	11,626	10,470
Iron and steel	250,260	125,902	Flour	33,564	25,995
Machinery	16,784	15,648	Fruit, dried	37,190	21,988
Manufactured goods [8]	13,186	12,132	Fruit, fresh [10]	21,826	38,438
Metals, various	46,234	21,322	Lumber	285,155	209,073
Nitrates	15,460	10,371	Metals, various	70,602	53,728
Oils, mineral	83,164	75,111	Molasses and syrups	15,498	30
Paper	27,626	40,197	Nitrates	227,258	160,276
Phosphates	19,116	52,436	Oats	4,089	12,725
Railroad material	9,490	10,361	Oils, mineral	337,043	153,659
Scrap metal	156,568	92,452	Oils, vegetable	25,205	7,201
Slag	3,578	10,745	Ores	171,033	186,068
Sugar	2,524	11,870	Paper	16,214	15,914
Sulphur	26,874	16,726	Rubber	10,386	5,461
Tinplate	30,396	26,319	Skins and hides	10,016	7,091
Wood pulp	11,404	6,166	Sugar	109,187	136,414
			Wheat	84,647	107,411
Pacific to Atlantic			Wood pulp	13,068	21,016
Barley	18,760	25,469	Wool	31,613	16,977
Beans, edible, dry	19,291	13,414	.....	.....	.....

[8] Except as otherwise classified. [9] Except fresh fruit. [10] Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of March 1938, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo"; the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	41	14	128
Agricultural implements	1,271	243	5,155	307
Alfalfa meal	.....	542	.....	742
Ammonium compounds	214	.....	4,087	.....
Animal foods [11]	15	191	15	241
Apparel, wearing (hats, shoes, clothing, etc.)	273	.....	273	26
Asbestos	273	7	1,398	22
Asphalt and tar	127	23	8,603	343
Automobiles (and autotrucks)	2,078	38	19,934	68
Automobile parts and accessories	308	111	9,406	115
Bags and bagging, textile	390	103	853	260
Bamboo and products	.....	13	.....	407
Bananas	.....	.....	.....	7,304
Barks, miscellaneous	121	139	140	523
Barley	12	82	417	25,469
Beans, edible, dry	10	5,989	35	13,414
Beer	1,208	.....	1,317	.....
Beverages, nonalcoholic	142	.....	155	298
Blood and tankage	.....	.....	.....	75
Bones and bone meal	.....	.....	275	40
Books and printed matter	15	.....	21	.....
Borax	.....	298	207	3,110
Bran and pollards	89	.....	89	2,531
Bricks and tile	157	.....	487	8
Camphor, crude	.....	.....	.....	30
Canned and preserved goods:				
Fish	362	11,191	581	15,494
Fruit	2,557	32,306	2,959	49,932
Meat	406	724	758	1,284
Milk	123	834	739	1,193
Soup	2,465	200	2,662	220
Vegetables	716	16,325	752	16,565
Miscellaneous and unclassified	2,292	7,152	3,099	7,761
Carbon black	.....	14	553	14
Celite	.....	811	.....	846
Cement	448	53	8,836	53
Chalk	.....	.....	100	.....
Charcoal	154	27	200	80
Chemicals [11]	3,846	2,569	9,541	2,994
Clay, china and fire	340	61	4,749	180
Clay, filtering	459	15	459	15
Coal	1,409	.....	7,647	.....
Cocoa and cacao beans	408	187	1,089	1,616
Coconuts and products [11]	30	574	60	1,147
Coffee	212	160	4,836	18,023
Coke	.....	.....	6,421	7
Cold storage and refrigerated products:				
Dairy products	.....	131	113	17,592
Eggs	100	400	100	463
Fish	110	470	139	1,928
Lard	180	200	213	271
Meats	100	612	959	21,120
Poultry	40	481	42	523
Vegetables	32	725	47	1,524
Other and unclassified	14	.....	30	91
Confectionery	902	.....	1,002	.....
Copra	.....	.....	.....	6,244
Copra meal and cake	.....	.....	.....	35
Corn	.....	.....	.....	3,020
Cotton, raw	38	1,330	21,229	10,470
Creosote	64	.....	197	171
Drugs and medicines	1,747	153	2,047	181
Dyes	.....	.....	61	10
Earthenware	66	.....	308	.....
Eggs, dried	26	.....	26	.....
Electrical apparatus and appliances	837	260	1,211	265
Enamelware and metalware	44	.....	44	102

[11] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Explosives	35	9	404	9
Extract, quebracho	.....	.....	1,663	.....
Fertilizers [11]	63	118	418	188
Fish, salted or dry-cured	2	.....	3	.....
Fish meal	31	.....	31	1,363
Floor coverings	1,811	1,141	2,103	1,458
Flour	179	21,918	1,054	25,995
Fruit, dried	60	12,379	101	21,988
Fruit, fresh [11]	1,411	360	1,731	38,438
Furniture and household goods	141	56	198	79
General	15,851	2,907	41,462	8,305
Glass and glassware	2,366	14	4,487	463
Glue	55	57	61	67
Grains [11]	.....	.....	.....	150
Groceries	1,163	622	1,710	1,204
Guano	.....	.....	370	.....
Gums	.....	.....	31	58
Hair, all kinds	20	11	22	57
Hay	.....	67	.....	67
Hemp, unmanufactured	.....	.....	25	1,208
Honey	.....	89	.....	245
Hops	11	.....	111	313
Horns and hoofs	.....	.....	43	30
Infusorial earth	90	416	170	732
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	56,867	174	125,902	549
Ivory nuts	.....	.....	75	1,040
Lard substitute	957	12	957	39
Lime	.....	.....	86	.....
Liquors	2,625	235	4,070	469
Lumber (incuding manufactured mill products)	1,922	75,514	2,873	209,073
Machinery	2,504	1,021	15,648	1,455
Malt	.....	.....	461	137
Manufactured goods [11]	4,886	442	12,132	1,581
Marble and granite	130	.....	420	16
Matches	389	158	403	165
Metals:				
Antimony	.....	.....	108	.....
Copper	222	3,560	2,648	29,310
Gold and silver	.....	.....	.....	43
Iron	800	.....	16,385	.....
Lead	7	1,313	110	15,194
Tin	51	44	378	2,463
Zinc	32	.....	330	6,550
Other and unclassified	85	4	1,363	168
Milk, powdered	.....	303	10	1,315
Molasses and syrups	132	30	188	30
Nitrates	2,528	.....	10,371	160,276
Nuts, edible (including meats)	350	272	410	439
Oats	44	1,465	70	12,725
Oils, mineral:				
Crude	.....	10,360	10,919	66,428
Gas and fuel	.....	.....	29,281	32
Gasoline, benzine and naphtha	2	24,543	3,358	79,915
Kerosene	.....	.....	228	5,501
Lubricating and greases	18,695	584	31,277	1,783
Other and unclassified	48	.....	48	.....
Oils, vegetable:				
Coconut	.....	.....	108	4,300
Cottonseed	64	.....	1,245	.....
Linseed	.....	.....	1,085	.....
Olive	74	.....	478	.....
Peanut	.....	.....	.....	201
Rapeseed	.....	.....	12	.....
Teaseed	.....	.....	.....	18
Wood	.....	148	.....	1,795
Other and unclassified	462	90	739	887
Oil, fish	80	454	171	2,506
Oil, whale	.....	890	.....	890
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	36	3,452	439
Oilseed cake and meal	1,230	.....	1,230	4,536
Ores:				
Antimony	.....	.....	.....	260
Chrome	130	.....	153	20,450
Copper	.....	.....	1,188	9,466
Gold and silver	.....	.....	.....	478
Iron	44	.....	126	131,111
Lead	.....	.....	.....	3,155
Magnesite	22	.....	22	.....
Manganese	23	47	23	7,541

[11] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes, including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Ores—Continued:				
Tin	.....	.....	230	4,601
Zinc	.....	.....	83	8,338
Other and unclassified	44	64	128	668
Paints and varnishes	1,454	89	2,486	252
Paper and paper products [11]	9,387	7,884	40,197	15,914
Peanuts	1,431	35	1,431	35
Peas, dry	.....	.....	.....	231
Peatmoss	.....	.....	1,290	.....
Phosphates	628	.....	52,436	.....
Plaster	.....	.....	54	.....
Porcelainware	387	181	1,031	2,040
Potash	.....	1,156	129	1,156
Pyrethrum flowers	.....	.....	.....	645
Rags and waste	98	148	200	659
Railroad material	3,248	.....	10,361	.....
Rice	1,353	1,147	2,770	8,626
Rope and twine	678	.....	1,079	17
Rosin	2,095	41	2,693	43
Rubber:				
Manufactured	765	465	1,157	486
Raw	.....	9	47	4,931
Scrap	.....	29	48	44
Salt	291	90	2,325	2,909
Sand	40	.....	2,038	3
Scrap metal	62	83	92,452	510
Seeds (except oil seeds)	33	434	369	904
Sewer pipe (concrete and terracotta)	.....	.....	30	.....
Shells, oyster	116	175	116	307
Silk, raw	.....	21	24	1,488
Skins and hides	7	4,493	769	7,091
Slag	182	.....	10,745	383
Slate	306	.....	306	.....
Soaps and products	1,439	75	1,806	233
Soda and sodium compounds:				
Soda ash	252	.....	1,265	724
Soda, caustic	355	.....	1,336	.....
Miscellaneous and unclassified	503	.....	682	.....
Soya beans	225	.....	225	75
Sugar	93	6,178	11,870	136,414
Sulphur	12,483	33	16,726	233
Talc	26	42	34	92
Tallow	74	462	191	3,182
Tea	40	77	90	407
Textiles [12]	4,024	44	8,453	1,682
Tinplate	3,192	41	26,319	41
Tobacco and manufactures	444	15	7,987	55
Toilet preparations	105	.....	116	.....
Turpentine	143	.....	739	.....
Vegetables, dry [11]	.....	.....	43	2,223
Wall board	.....	.....	467	1,284
Wax, paraffin	481	.....	1,642	82
Wheat	.....	10,996	2	107,411
Wines	69	1,216	869	2,233
Wood pulp	244	14,154	6,166	21,016
Wool	113	817	381	16,977
Total, March 1938	192,834	298,342	787,862	1,480,686
Total, March 1937	387,352	530,746	1,048,337	1,968,081
Total, March 1936	265,211	439,240	813,099	1,821,051

[11] Except as otherwise classified. [12] Cotton, silk, wool, rayon goods.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from tanks of The Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $1.05 per barrel at Cristobal and Balboa; Diesel oil, $1.95 per barrel at Cristobal and Balboa.

Tanker Traffic

The following tabulation shows, according to trade route, the tanker traffic through the Canal during the month of March 1938:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	10	57,648	9,714	3	17,730	34,859
East coast United States and:						
Phillipine Islands	1	4,047	.....	.....	.....	.....
Far East	1	4,403	9,619	.....	.....	.....
East coast Canada and South America	.....	.....	.....	1	7,406	14,150
East coast Central America and South America	1	4,069	7,369	1	4,069	.....
South American intercoastal	1	1,570	2,208	.....	.....	.....
East coast South America and Central America	.....	.....	.....	1	1,570	.....
West Indies and:						
United States	2	13,686	.....	1	5,824	11,406
South America	3	17,877	21,729	3	11,653	11,022
Europe and:						
United States	2	14,067	.....	2	13,147	25,148
South America	2	10,926	.....	4	26,595	54,726
Total	23	128,293	50,639	16	87,994	151,311

Comparison of Canal Traffic in March 1938, with March Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of March			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	*(000 omitted)*			*(000 omitted)*	*(000 omitted)*
1915 [13]	136	476	607	1915	[14] 100	361	466
1916 [15]	.....	.....	.....	1916	60	199	258
1917	139	458	571	1917	145	483	588
1918	171	583	661	1918	165	547	627
1919	151	478	505	1919	162	510	576
1920	226	819	894	1920	199	712	781
1921	251	1,113	1,084	1921	232	950	966
1922	231	975	960	1922	222	951	907
1923	403	1,988	1,941	1923	325	1,550	1,631
1924	424	2,136	2,272	1924	429	2,179	2,249
1925	393	1,964	2,104	1925	382	1,904	1,996
1926	496	2,397	2,606	1926	424	2,064	2,169
1927	490	2,413	2,533	1927	441	2,184	2,311
1928	525	2,439	2,427	1928	521	2,453	2,468
1929	526	2,566	2,742	1929	524	2,485	2,554
1930	505	2,505	2,557	1930	502	2,497	2,502
1931	427	2,210	1,914	1931	447	2,314	2,089
1932	348	1,864	1,643	1932	364	1,968	1,650
1933	369	1,987	1,737	1933	347	1,900	1,513
1934	508	2,702	2,465	1934	436	2,379	2,059
1935	455	2,398	2,210	1935	432	2,317	2,109
1936	526	2,715	2,634	1936	449	2,335	2,209
1937	536	2,770	3,016	1937	467	2,404	2,507
1938	506	2,312	2,269	(16)	459	2,319	2,297

[13] Canal opened August 15, 1914. [14] Average for 10½ months of fiscal year ended June 30, 1915. [15] Canal closed on account of slides. [16] Average for 9 months of fiscal year 1938.

Terminal Activities

Ships which completed repairs during the month of March 1938, numbered 64. Vessels released from drydock numbered 9. Fuel oil in the quantity of 273,643 barrels was delivered as bunkers to 128 commercial ships. Bunker coal amounting to 8,567 tons was delivered to 27 commercial ships. Sales of commissary supplies to ships aggregated $43,400.50.

Cargo Handled at Terminal Ports, March 1938

	Cristobal	Balboa	Total
Local cargo arriving.....tons..	22,593	11,282	33,875
Local cargo shipped.....tons..	1,801	618	2,419
Cargo received for transshipment.....tons..	44,830	223	45,053
Cargo transshipped.....tons..	41,078	164	41,242
"Canal Zone for Orders" cargo:			
Number of receipts issued.....	7	5	12
Number of releases issued.....	45	18	63
Tons received.....	22	17	39
Tons withdrawn.....	46	11	57

All Vessels Entering and Clearing Port, March 1938

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal..	584	3,525,424	2,114,643	529	3,011,069	1,815,722
Vessels entering port but not transiting Canal.	73	500,137	287,705	8	18,455	11,559
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	134	806,332	490,573	104	712,435	418,535
Ships clearing						
All vessels, including those transiting Canal..	588	3,577,653	2,148,687	532	3,006,932	1,814,674
Vessels clearing port but not transiting Canal.	75	536,893	315,771	11	25,292	16,676
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	135	804,298	485,409	104	703,680	414,317

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight March 10, 1938, to midnight April 10, 1938. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Santa Clara, 44, 90
Sanyo Maru, 491, 78
Toloa, 699, 536
Fella, 392, 328
Kunikawa Maru, 563, 0
Nero, 267, 12
Darien, 701, 137
Ino, 141, 45
Buenaventura, 1,650, 559
Durazzo, 1,257, 265
Caymanian, 4, 0
Istmo, 0, 154
Chiriqui, 288, 90
Jamaica, 139, 930
Ruth Lykes, 1,258, 367
Koln, 18, 570
Kongo Maru, 229, 0
Simon Bolivar, 59, 50
Trois Ilets, 78, 62
Orbita, 76, 18
Ciss, 977, 0
Ville de Strasbourg, 0, 61
San Antonio, 130, 402
Tacoma, 321, 323
Musa, 60, 0
Mayan, 0, 872
Santa Barbara, 292, 93
Santa Elena, 311, 4
Europa, 28, 97
Cuba, 89, 17
San Bernardino, 1,220, 9
Oregon, 50, 494
Granada, 185, 232
Nansenville, 0, 903
Salvador, 636, 650
Rhakotis, 58, 4
Caribia, 86, 1,017½
Chile, 128, 913
Clio, 354, 127½
Ancon, 3,825, 739
Lochkatrine, 269, 74
Cuba, 0, 792
Anubis, 5, 351
Crawford Ellis, 0, 170
Santa Inez, 407, 93
Istmo, 787, 218
Sixaola, 456, 111
Tivivies, 479, 64
West Nilus, 23, 381
Marie Leonhardt, 115, 435
Naumburg, 9, 0
Nero, 291, 144
Breda, 193, 1,100
Saarland, 80, 323
Cerigo, 925. 156
Benj. Franklin, 242, 0
Talamanca, 71, 240
Nuevo Panama, 0, 126
West Cactus, 630, 7
Colombia, 171, 1,412
Akaroa, 171, 0
Simon Bolivar, 0, 830
Cadmus, 0, 203
Ionia, 0, 397
Muenchen, 61, 9
Darian, 181, 0
Pastores, 193, 0
Hokkai Maru, 517, 27
Cellina, 225, 23
Pennsylvania, 130, 0
Santa Rita, 34, 8
Santa Rosa, 41, 1
Mantilla, 8,834, 0
Washington, 337, 217
Gatun, 91, 217
Pereira, 843, 689
Santa Clara, 126, 53
R. L. Hustler, 1½, 0
Trois Ilets, 165, 15
Weser, 158, 59
Oropesa, 65, 364
Nuernberg, 105, 408
Ino, 188, 163
Helder, 0, 111
San Jose, 668, 0
Ulua, 504, 257
Olney, 970, 0
Guayaquil, 1,847, 473
San Felipe, 842, 0
Quirigua, 201, 25
Istmo, 642, 125
Yamazuki Maru, 301, 0
Manizales, 838, 186
Haiti, 87, 800
Ward, 132, 0
Naruto Maru, 538, 0
Dinteldijk, 285, 152
Clio, 322, 56
Portland, 232, 661
Santa Paula, 200, 6
Santa Lucia, 597, 180
De La Salle, 147, 0
Crynssen, 145, 1
Cefalu, 553, 287
Acajutla, 669, 0
Tasmania, 708, 0
San Francisco, 208, 134
San Simeon, 354, 10
Cristobal, 3,695, 0
Santa Barbara, 190, 117
Almeria Lykes, 1,612, 459
De La Salle, 0, 262
Nero, 160, 0
Pasajero, 0, 3
Balboa, 78, 347
Phoenicia, 34, 676
Limon, 462, 521
Santa Marta, 763, 98
Nero, 0, 80
Antigua, 253, 148
Wisconsin, 126, 260
Port Halifax, 812, 4
Jamaica, 219, 444½
Cristobal, 0, 760
Axel Johnson, 63, 369
Durazzo, 1,211, 344
Roda, 101, 586
Goslar, 1,825, 0
Nuevo Panama, 0, 78
Ino, 276, 207
Knute Nelson, 5, 0
Ciss, 46, 0
Crynssen, 200 lbs., 822
Trois Ilets, 137, 41
Orduna, 133, 6
Istmo, 737, 171
Cordillera, 291, 58
Boskoop, 192, 1,781
Dusseldorf, 106, 185
Nienburg, 598½, 214
Schwaben, 49, 1,741
Canadian, 113, 1
Acajutla, 0, 25
Virginia, 219, 0
Harboe Jensen, 0, 1,122
Santa Elena, 96, 34
Amerika, 0, 38
Virgilio, 15, 150
Kwanto Maru, 309, 319
Contessa, 181, 873
Mayan, 867, 694
Lochgoil, 263, 25
Oakland, 64, 204
Dillwyn, 11,813, 0
Magician, 220, 196
Hagen, ½, 0
Osnabruck, 91, 404
Bennekom, 0, 209
Arica, 394, 0
Triton, 289, 0
Lagarto, 4, 182
Vancouver, 287, 264
Kirisima Maru, 83, 1
Clio, 167, 79
Buenaventura, 2,256, 564
Acasta, 7,882, 0
Santa Rita, 265, 196
Sta. Maria, 465, 2 pkgs.
Laurits Swenson, 37, 409
Gansfjord, 0, 99
Kimikawa Maru, 537, 0
Toloa, 922, 95
Damsterdijk, 246, 134
Colombia, 59, 38
Nero, 176, 99
Veragua, 337, 138
Metapan, 622, 149
Helga, 0, 53
Niel Maersk, 380, 0
Nagara Maru, 178, 0
Cerigo, 666, 638
San Diego, 124, 418
Colombia, 78, 182½
Istmo, 727, 231
Nuevo Panama, 0, 80

BALBOA

Virginia, 10, 147
Florida Maru, 143, 0
Mayan, 0, 32
Santa Barbara, 3, 2
Durazzo, 0, 50
Floriana, 275, 0
Santa Inez, 128, 2
West Cactus, 701, 0
Benj. Franklin, 0, 75
Akaroa, 97, 0
Pennsylvania, 144, 0
Emma Bakke, 667, 0
Cerigo, 0, 2
Vermont, 1,131, 0
Weser, 128, 0
California Express, 0, 2
Santa Clara, 122, 17
Nitro, 10, 12
Ward, 94, 0
Ludington, 121, 71
Santa Lucia, 67, 19
Sirius, 84, 40
Acajutla, 2, 0
Pereira, 0, 3
Santa Barbara, 107, 7
Knud Rasmussen, 0, 3
Republic, 203, 26
Durazzo, 1, 0
Martin Bakke, 152, 0
Nako Maru, 0, 55
Virginia, 193, 34
K. R. Kingsbury, 11,041, 0
Canadian, 132, 0
Lochgoil, 0, 108
Triton, 51, 0
Santa Maria, 8, 29
Santa Rita, 230, 122
Niel Maersk, 82, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Canal ports during March 1938 numbered 1,828 at Cristobal and 1,054 at Balboa; embarking 2,602 at Cristobal and 1,096 at Balboa. Passengers passing through the Canal numbered 5,346 from the Atlantic to the Pacific, and 3,888 from the Pacific to the Atlantic. Aircraft numbering 46 entered Cristobal and 217 passengers disembarked; clearances were 45, with 227 passengers embarking. At Balboa, entries of aircraft numbered 56, with 132 passengers disembarking; clearances were 56, with 108 passengers embarking.

Comparison of Traffic at the Suez and Panama Canals for the First Eight Months of the Fiscal Years 1937 and 1938

The following is a comparison of traffic at the Suez and Panama Canals for the first eight months of the fiscal years 1937 and 1938:

Month	Suez Canal				Panama Canal			
	Number of transits		Percent		Number of transits		Percent	
	1936–7	1937–8	Increase	Decrease	1936–7	1937–8	Increase	Decrease
July	466	551	18.2	.....	456	457	0.2	.....
August	471	532	13.0	.....	473	505	6.8	.....
September	479	522	9.0	.....	466	444	.....	4.7
October	490	557	13.7	.....	482	461	.....	4.4
November	511	525	2.7	.....	368	435	11.8	.....
December	508	541	6.5	.....	341	439	28.7	.....
January	575	544	.....	5.4	399	444	11.3	.....
February	524	508	.....	3.1	377	436	15.6	.....
Total	4,024	4,280	6.3	.....	3,362	3,621	7.7	.....

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices, including the 20 percent surcharge, to individuals and companies, as of February 28, 1938:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.23
Brass, sheet, average	Lb.	.30
Bronze, Tobin, average	Lb.	.22
Gasoline, motor grade	Gal.	.105
Metal, yellow	Lb.	.26
Oakum, Navy, spun	Lb.	.19
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.28
Oil, burning, Colza	Gal.	1.02
Oil, engine, gas, light, in drums, No. 2135	Gal.	.24
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.32
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.28
Oil, kerosene, in drums	Gal.	.10
Oil, marine, engine	Gal.	.38
Paint, lead, white, dry	Lb.	.11
Paint, lead, white, in oil	Lb.	.12
Paint, zinc oxide, dry	Lb.	.08
Paint, zinc oxide, in oil	Lb.	.12
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, No. 3, medium	Lb.	.06
Grease, yellow, cup, No. 5, hard	Lb.	.07
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.12
Waste, cotton, white	Lb.	.13

Movements of Ocean Vessels Through the Panama Canal

From midnight March 10, 1938, to midnight April 10, 1938

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Nienburg	10	11	Ger...	North German Lloyd.	Hamburg, Ger...	Champ'ico, Guat.	General	883
Astoria [2]	10	11	Dan...	Anglo-Can. S. S. Co..	Antwerp, Belgium	Vancouver, B. C.	General	1,595
Virginia	11	11	Amer..	Panama-Pacific Line.	New York, N. Y.	Los Angeles, Cal.	General	2,385
H. D. Collier [1]	10	12	Amer..	Standard Oil of Calif.	Bayonne, N. J...	Los Angeles, Cal.	Lub. oil	9,714
Moldanger [2]	10	11	Nor...	Interocean S. S. Co..	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
President de Vogue. [1] [2]	11	14	Nor...	Comp. des Prod. Chim. et Raff. de Berre.	Pt. de Bouc, Fr..	Talara, Peru	Ballast	.....
American Robin..	11	11	Amer..	Amer.-For. S. S. Corp.	Baltimore, Md...	S. Francisco, Cal.	Sulphur	7,200
Bonneville [2]	11	11	Nor...	Isbrandtsen Moller...	Baltimore, Md...	Manila, P. I.	General	4,696
Delftdijk [2]	10	11	Neth..	N. Pac. Coast Line...	Rotterdam, Neth.	Vancouver, B. C.	General	3,904
Glenmoor [2]	11	11	Brit...	Runciman Ship. Co...	Rotterdam, Neth.	Brit. Columbia..	Ballast	.....
Sambu [2]	...	...	Pan...	E. J. Hooper	Cristobal, C. Z..	Gatun, C. Z.[13]	.....	25
Ohioan	11	12	Amer..	Amer.-Hawaiian Line.	Ponce, P. R.	San Diego, Calif.	General	2,993
Gracia	11	12	Brit...	Donaldson Brothers..	Glasgow, Scot...	Portland, Oreg...	General	723
Lewis Luckenbach.	11	12	Amer..	Luckenbach Line	Boston, Mass.	Seattle, Wash...	General	3,300
Embassage	11	12	Brit...	Anglo-Can. S. S. Co..	N. Shields, Eng..	Vancouver, B. C.	Ballast	.....
Prince Rupert City.	12	12	Brit...	Mitsubishi Line	Boca Grande, Fla	Kobe, Japan	Phosphate..	8,000
Nero [2]	11	12	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	B'ventura, Col...	General	10
Kentuckian	12	12	Amer..	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg...	General	2,981
Istmo	7	12	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General	340
Annie Johnson [2]	10	12	Swed..	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	([14])	2,412
Pirate [3]	12	...	Pan...	E. J. Hooper	Cristobal, C. Z..	Gatun, C. Z.[13]	.....	20
Chas. R. McCormick.	12	13	Amer..	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash...	General	4,705
Pennmar	12	13	Amer..	Calmar Line	Baltimore, Md..	Seattle, Wash...	Steel, gen...	7,689
Moorby [2]	12	13	Brit...	Sir R. Ropner & Co..	Hull, England	Vancouver, B. C.	Ballast	.....
Deroche [1]	13	13	Amer..	Union Oil of Calif.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Gypsum Prince...	13	13	Brit...	Chile Nit. Sales Corp.	Baltimore, Md...	Tocopilla, Chile..	Ballast	.....
Ino [2]	11	13	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General	41
Carica Milica	13	13	J-Slav.	Seaboard Ship. Co...	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Millais	13	13	Brit...	Blue Star Line	Rio Gr'de, Brazil.	Vancouver, B. C.	Ballast	.....
Keisho Maru [2]	13	13	Jap...	Mitsui & Co.	Philadelphia, Pa.	Yokohama, Japan	Steel, rosin..	8,224
City of Glasgow..	13	14	Brit...	Mont.-Aust.-N.Z. Line	St. Johns, N. B..	Adelaide, Aust...	General	3,975
Otaio [2]	13	14	Brit...	N. Z. Shipping Co...	Liverpool, Eng..	Bluff, N. Z.	General	8,658
British Columbia Express. [2]	12	13	Nor...	Fruit Express Line...	Glasgow, Scot...	Seattle, Wash...	Ballast	.....
Coloradan	13	13	Amer..	Amer.-Hawaiian Line.	Baltimore, Md...	Seattle, Wash...	Steel, gen...	5,340
Real [2]	12	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Sambu [2]	12	...	Pan...	E. J. Hooper	Cristobal, C. Z..	Gatun, C. Z.[13]	.....	25
J-26 [2]	...	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
Breckenridge [6]	...	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
Ruahine	14	15	Brit...	N. Z. Shipping Co...	London, England	Bluff, N. Z.	General	3,354
Koln	12	14	Ger...	North German Lloyd.	Bremen, Ger.	Corral, Chile	Gen., cement	4,803
Hurunui	13	14	Brit...	N. Z. Shipping Co...	Cardiff, Wales...	Fremantle, Aust.	General	6,174
S-45 [7]	...	...	Amer..	U. S. Navy	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Nanman Maru	13	14	Jap...	Yamashita Line	Buenos Aires, Arg.	Kobe, Japan	Wool, oil	2,941
Aakre [2]	13	14	Nor...	Continental Grain Co.	Philadelphia, Pa.	Kobe, Japan	Machinery..	6,920
Atheldukе [1] [2]	14	14	Brit...	Mitsubishi & Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Tropic Star [2]	14	14	Nor...	Chile Nit. Sales Corp.	Baltimore, Md...	Tocopilla, Chile..	Ballast	.....
Pacific Exporter [2]	14	14	Brit...	Furness-Pacific Line..	Glasgow, Scot...	Vancouver, B. C.	General	896
FramlingtonCourt	11	14	Brit...	Seaboard Ship. Co...	Barry, England.	Pacific coast	Ballast	.....
Santos Maru [2]	14	15	Jap...	Osaka Shosen Kaisha.	Buenos Aires, Arg.	Kobe, Japan	Tinplate, etc.	3,705
Noto Maru [2]	14	14	Jap...	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	([15])	7,849
Ville de Strasbourg.	14	15	Fr...	Messageries Marit'es.	Marseille, France	Noumea, N. Caled	General	1,712
Frank [3]	12	...	Pan...	E. J. Hooper	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Aras [6]	12	15	Amer..	H. J. Chisholm	Miami, Fla.	Puntarenas, C. R.	Ballast	.....
Wichita [2]	14	15	Amer..	Roosevelt S. S. Co...	New York, N. Y.	Australia	General	4,136
Musa	14	15	Pan...	United Fruit Co.	New York, N. Y.	Pto. Arm'les, R. P.	Ballast	.....
Cubore	14	15	Amer..	Ore S. S. Corp.	Baltimore, Md...	Cruz Gr'de, Chile	Ballast	.....
Nicoline Maersk [2]	14	15	Dan...	A. P. Moller	Tampa, Fla.	San Diego, Calif.	Ballast	.....
Fairfield City	15	15	Amer..	Isthmian S. S. Lines..	Baltimore, Md...	Honolulu, T. H..	General	6,949
San Antonio	14	15	Fr...	French Line	Havre, France...	Vancouver, B. C.	General	3,631
Europa [2]	15	15	Dan...	East Asiatic Co..	Copenhagen, Den.	Vancouver, B. C.	([16])	753
Mayan	8	16	Amer..	Grace Line	Cristobal, C. Z..	Champ'ico, Guat.	General	841
Baldhill [1]	15	15	Amer..	Shell Terminal Corp..	Perth Amboy, N. J.	Los Angeles, Cal.	Ballast	.....
Canadian Reefer [2]	15	15	Dan...	J. Lauritzen	Antwerp, Belgium	Valparaiso, Chile.	Ballast	.....
Porto Bello [3]	15	15	Pan...	A. Tagaropulos	Cristobal, C. Z..	Real, R. P.	General	3
Ida F. [5]	15	...	Pan...	Dan McAllister	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
Trienza	15	16	Brit...	British Phos. Corp...	Glasgow, Scot...	Ocean Island	([17])	1,520
Ardangorm	15	16	Brit...	Anglo-Can. S. S. Co.	New Orleans, La.	Puget Sd., Wash.	Ballast	.....
Fernlane [2]	15	16	Nor...	Fearnley & Eger	New Orleans, La.	Kamaishi, Japan.	Scrap steel	7,097

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [7] Submarine. [13] For bananas and return to Cristobal. [14] Paper, coffee, general. [15] Scrap steel, general. [16] Peat moss, general. [17] Constructing material, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Alabaman	16	16	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	2,309
Vitus Bering	16	18	Dan.	United Fruit Co.	Avonmouth, Eng.	Pto.Arm'les,R.P.	Ballast	.....
Dolius [2]	16	16	Brit.	Alfred Holt & Co.	New York, N. Y.	Japan	Ballast	.....
Trois Ilets	13	16	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	64
Durazzo	11	17	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	241
Elisabeth Bakke [2]	16	16	Nor.	Knutsen Line	Cardiff, Wales	Vancouver, B. C.	Ballast	.....
Oregon [2]	15	16	Fr.	French Line	Havre, France	Valparaiso, Chile.	([13])	1,655
Tuira [2]	15	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
San Bernardino	15	17	Amer.	States S. S. Co.	New York, N. Y.	Seattle, Wash.	General	2,839
Chile [2]	16	17	Swed.	Johnson Line	Malmo, Sweden	Valparaiso, Chile.	General	4,263
Tweedbank [2]	16	17	Brit.	Bank Line	Boston, Mass.	Shanghai, China	General	3,327
Point Chieo	16	17	Amer.	Swayne & Hoyt	Brownsville, Tex.	Tacoma, Wash.	General	4,516
Camden [1]	16	17	Amer.	Shell Oil of St. Louis.	Sewaren, N. J.	Los Angeles, Cal.	Ballast	.....
Arlington Court	17	18	Brit.	Kerr Gifford	Barry, England	Portland, Oreg.	Ballast	.....
Austvard [2]	17	17	Nor.	L. Kloster	Nuevitas, Cuba	Yokohama,Japan	Serap iron	6,513
Titanian [2]	17	18	Nor.	Mitsubishi Shoji K.	Tampa, Fla.	Yawata, Japan	Serap iron	7,860
Vinni [2]	17	17	Nor.	Kawasaki K. Kaisha	Tampa, Fla.	Kobe, Japan	Phos., cotton	8,175
Kaia Knudsen [1] [2]	17	18	Nor.	Knut Knutsen	Aruba, N. W. I.	Talara, Peru	Ballast	.....
Firmore	17	18	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Peru [13]	17	19	Amer.	Gohagan Const. Co.	Newp't News, Va.	Callao, Peru	Ballast	.....
Point Lobos	18	18	Amer.	Swayne & Hoyt	Houston, Tex.	Tacoma, Wash.	General	5,000
Anubis [2]	17	18	Ger.	Hamburg-Amer. Line.	Tampa, Fla.	Hongkong, China	Gen., cotton.	7,591
J. L. Luckenbach	18	18	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,580
Steel Inventor	17	18	Amer.	Isthmian S. S. Lines.	Mobile, Ala.	S. Francisco, Cal.	Steel	4,062
Herman F. Whiton	18	18	Amer.	Texas Gulf Sulphur Co.	Galveston, Tex.	Everett, Wash.	Crude sulph.	4,650
Nancy Moran [4]	17	19	Amer.	Moran Tow. & Transp	Newp't News, Va.	Callao, Peru	Ballast	.....
Santa Inez [2]	17	19	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile	General	2,260
Tuli [6]	18	...	Pan.	Max Bilgray	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Babbitt [9]	19	...	Amer.	U. S. Navy	Pt. Limon, C. R.	Balboa, C. Z.	Ballast	.....
Sessa	19	19	Dan.	Wessel, Duval & Co.	Philadelphia, Pa.	Talcahuano,Chile	General	2,165
Naumburg	18	19	Ger.	Hamburg-Amer. Line.	New Orleans, La.	Sydney, Australia	([16])	7,969
West Nilus	18	19	Amer.	McCormick S. S. Co.	Buenos Aires,Arg.	Vancouver, B. C.	General	3,913
Rossington Court	18	19	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Pan Norway [1] [2]	18	19	Nor.	Standard Oil of N. Y.	Nyborg, Den.	Los Angeles, Cal.	Ballast	.....
Pennsylvania	19	19	Amer.	Weyerhaeuser S. S. Co.	New York, N. Y.	Seattle, Wash.	General	3,373
Corrientes	19	19	Brit.	Donaldson Brothers.	Glasgow, Scot.	Vancouver, B. C.	General	576
St. Stephen	19	19	Fin.	Overworld Trad.&Ship	Nordenham, Ger.	Los Angeles, Cal.	Coke	4,021
Rangitane [2]	19	20	Brit.	N. Z. Shipping Co.	London, England	Auckland, N. Z.	General	4,900
Siamese Prince [2]	18	19	Brit.	Furness-Prince Line.	Halifax, N. S.	Moji, Japan	([17])	5,363
Benjamin Franklin. [2]	19	20	Nor.	Fred Olsen Line	Oslo, Norway	Vancouver, B. C.	Nitrate, gen.	4,835
Montanan	19	19	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,233
Nero [2]	18	19	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	131
Pirate [3]	18	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[14]	.....	20
Breda	18	20	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,803
Saarland	18	20	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Talcahuano,Chile	General	3,726
Fortuna [3]	20	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Steel Mariner	19	20	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Hilo, T. H.	Steel, gen.	5,193
King Arthur [2]	19	20	Brit.	J. J. Moore & Co.	Manchester, Eng.	Brit. Columbia	Ballast	.....
Timber Rush	20	20	Amer.	Shepard S. S. Co.	New York, N. Y.	Tacoma, Wash.	General	2,396
Port Saint John [2]	19	20	Brit.	Mont.-Aust.-N.Z.Line	Sunderland, Eng.	N.Plym'th, N. Z.	General	5,662
Dagmar Salen	20	20	Swed.	Rederi A/B Pulp	Landskrona,Swed	Los Angeles, Cal.	Ballast	.....
Nuevo Panama [2]	19	20	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	180
Real [2]	19	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C.Z.	Ballast	.....
Sambu [2]	19	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]	.....	25
Frank [2]	19	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]	.....	25
Ridley [2]	21	21	Brit.	Dant & Russell	Hull, England	Los Angeles, Cal.	Ballast	.....
Appledore	20	21	Brit.	Seaboard Ship. Co.	Cardiff, Wales	West coast U.S.A	Ballast	.....
Marchen Maersk [2]	21	21	Dan.	A. P. Moller	New York, N. Y.	Cebu. P. I.	General	5,594
Berganger [2]	21	21	Nor.	Interocean S. S. Co.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Minerva [2]	21	21	Nor.	Chile Nit. Sales Corp.	Charleston, S. C.	Tocopilla, Chile	Ballast	.....
Istmo	17	21	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	280
Hokuroku Maru [2]	21	21	Jap.	Osaka Shosen Kaisha	New York, N. Y.	Kobe, Japan	General	7,565
Jacob Luckenbach	21	21	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General	4,906
Salvador	15	22	Brit.	Pacific Steam Nav.Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	650
Atutasan Maru [2]	21	22	Japan.	Mitsui Bussan Kaisha	New York, N. Y.	Moji, Japan	Steel, tin	8,258
Tornus [1] [2]	21	22	Brit.	Shell Oil Co.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	.....
West Cape	22	22	Amer.	McCormick S. S. Co.	New York, N. Y.	Tacoma, Wash.	General	5,370
Riley [2]	22	22	Brit.	Mont.-Aust.-N.Z.Line	Halifax, N. S.	Melbourne, Aust.	Newsprint	5,652
Port Hunter	22	22	Brit.	Port Line	Antwerp,Belgium	Auckland, N. Z.	([18])	6,194
Maravi	22	22	Pan.	United Fruit Co.	Savannah, Ga.	Pto.Arm'les,R.P.	R.R.material	3,406
Texan	22	22	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,700
Cellina [2]	22	22	Ital.	Italia S. A.	Trieste, Italy	Vancouver, B. C.	General	771
Clio [2]	16	22	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	116
Emma Bakke [2]	22	23	Nor.	Knut Knutsen O.A.S	Goth'burg, Swed.	Valparaiso, Chile.	General	2,381

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Yacht. [9] Destroyer. [13] Dredge, [14] For bananas and return to Cristobal. [15] Ammunition, general. [16] General, oil, sulphur, etc. [17] Serap iron, general. [18] Basic slag, oranges.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Port Townsville [2]	22	23	Brit...	Port Line	Glasgow, Scot...	Adelaide, Aust...	General	6,370
Texas Sun [1] [2]	23	23	Amer..	Sun Oil Co	Chester, Pa	Los Angeles, Cal.	Ballast	
Cerigo	18	23	Ger...	Hamburg-Amer. Line.	Cristobal, C. Z..	Guayaquil, Ecua.	General	141
El Oso [1]	23	23	Brit...	C. T. Bowring & Co..	Curacao, N. W. I.	Guayaquil, Ecua.	Bulk oil	8,499
Mobiloil [1]	23	23	Amer..	Socony-Vac. Oil Co..	Philadelphia, Pa.	Los Angeles, Cal.	Ballast	
Chattanooga City	23	23	Amer..	Isthmian S. S. Lines..	Portland, Me.	Seattle, Wash	General	5,164
Tuira [2]	22	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	
Lila [2]	22	...	Pan...	Manuel Lopez	Cristobal, C. Z..	Balboa, C. Z.	Ballast	
Wind Rider [13]	...	...	Pan...	B. G. Tydeman	Cristobal, C. Z..	Gatun, C. Z.	Ballast	
Porto Bello [3]	23	23	Pan...	A. Tagaropulos	Cristobal, C. Z..	Real, R. P.	General	3
Peter Lassen	23	25	Dan...	United Fruit Co	Avonmouth, Eng.	S. Francisco, Cal.	Ballast	
Cape Nelson	23	24	Brit...	Chile Nit. Sales Corp.	Baltimore, Md...	Chanaral, Chile..	Coke	1,530
Wanaka [2]	23	24	Brit...	Union S. S. of N. Z..	Antwerp, Belgium	Wellington, N. Z.	Basic slag	2,396
Kiyosumi Maru [2]	24	24	Jap...	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	Iron, cotton.	8,322
Kosei Maru [2]	24	24	Jap...	Hiroumi Shoji Co	Mobile, Ala	Yokohama, Japan	Pig iron	7,200
Westmoreland	24	24	Brit...	Federal Steam Nav. Co.	Liverpool, Eng..	New Zealand	Ballast	
Kaipara [2]	23	24	Brit...	Amer. & Aust. Line..	Glasgow, Scot...	Sydney, Australia	General	4,493
Thurland Castle [2]	24	24	Brit...	Barber Line	New York, N. Y.	Shanghai, China.	General	2,723
Bethore	24	24	Amer..	Ore S. S. Corp.	Baltimore, Md...	Cruz Gr'de, Chile	Ballast	
Olympia Maru [2]	24	24	Jap...	Mitsubihishi Shoji K.	Pt. Tampa, Fla..	Yokohama, Japan	Phosphate	8,395
Winslow [5]	7	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Tow. barge..	
Santa Clara	24	25	Amer..	Grace Line	New York, N. Y.	San Antonio, Chile	General	2,694
Nitro [14]	24	28	Amer..	U. S. Navy	Norfolk, Va	Mare Is., Calif..	Navy stores.	3,119
California	25	26	Amer..	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	([15])	2,448
Caasin [9]	25	28	Amer..	U. S. Navy	Philadelphia, Pa.	San Diego, Calif.	Ballast	
California Express. [2]	24	25	Nor...	Fruit Express Line	Glasgow, Scot...	Seattle, Wash	Ballast	
Wellington Court.	24	25	Brit...	Canadian Transp. Co.	Baltimore, Md...	Vancouver, B. C.	Ballast	
Winona	25	25	Amer..	Pac. Coast Dir. Line.	Philadelphia, Pa.	Seattle, Wash	General	2,326
Empire Star [2]	25	25	Brit...	Blue Star Line	Swansea, England	Duendin, N. Z.	General	6,463
Weser [2]	25	26	Ger...	North German Lloyd.	Hamburg, Ger...	Vancouver, B. C.	General	2,332
Oropesa	25	26	Brit...	Pacific Steam Nav. Co	Liverpool, Eng..	Valparaiso, Chile.	General	2,251
Nurnberg [2]	25	26	Ger...	North German Lloyd.	Hamburg, Ger...	Corral, Chile	General	4,225
Besholt [2]	25	26	Nor...	S. Holter Sorensen	Philadelphia, Pa.	Yokohama, Japan	Scrap iron	8,230
Andrea F. Luckbach.	25	26	Amer..	Luckenbach Line	Providence, R. I.	Seattle, Wash	General	3,629
Hawaiian	26	26	Amer..	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,959
San Jose	25	27	Amer..	United Fruit Co	Boston, Mass.	Pto. Arm'les, R. P.	Ballast	
Kamschatneftj	25	26	Rus...	U. S. S. R.	Baltimore, Md...	Vladiv'k, U.S.S.R.	Const. steel.	2,200
Olney [1]	25	26	Amer..	Shell Pet. Corp	Baltimore, Md...	Los Angeles, Cal.	Ballast	
E. J. Hooper, No. 1. [5]	...	...	Pan...	E. J. Hooper	Cristobal, C. Z..	Gatun, C. Z.	Ballast	
Talaralite [1]	24	27	Brit...	International Pet. Co.	Barranquilla, Col.	B'ventura, Col...	([16])	2,208
Thistlegarth	26	27	Brit...	Bank Line	New York, N. Y.	Yokohama, Japan	Scrap iron	7,616
Gypsum Queen	26	27	Brit...	Chile Nit. Sales Corp.	Wilmington, N.C.	Chile	Ballast	
Trois Ilets	24	27	Fr...	French Line	Cristobal, C. Z..	B'ventura, Col...	General	13
Trimountain [1]	27	27	Amer..	Shell Oil Co	Chester, Pa	Los Angeles, Cal.	Ballast	
Vittorio Emmanuele III.	27	27	Brit...	Wheelocks, Ltd	Norfolk, Va	Los Angeles, Cal.	Ballast	
Ino [2]	25	27	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Tumaco, Colom..	General	148
San Felipe	25	27	Amer..	Quaker Line	Norfolk, Va	Tacoma, Wash..	([17])	3,831
Istmo	26	27	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General	290
Manizales	26	27	Ger...	North German Lloyd.	Cristobal, C. Z..	Guayaquil, Ecua.	General	169
West Notus	27	27	Amer..	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash	Steel, gen	2,461
Tuira [2]	26	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	
Sambu [2]	26	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	
Nancy [5]	...	...	Amer..	S. F. Donaldson	Cristobal, C. Z..	Gatun, C. Z.	Ballast	
S-43 [7]	...	...	Amer..	U. S. Navy	Cristobal, C. Z..	Balboa, C. Z.	Ballast	
S-44 [7]	...	...	Amer..	U. S. Navy	Cristobal, C. Z..	Balboa, C. Z.	Ballast	
S-46 [7]	...	...	Amer..	U. S. Navy	Cristobal, C. Z..	Balboa, C. Z.	Ballast	
S-47 [7]	...	...	Amer..	U. S. Navy	Cristobal, C. Z..	Balboa, C. Z.	Ballast	
Massmar	27	28	Amer..	Calmar Line	Baltimore, Md...	Seattle, Wash	Steel, gen	8,418
Mallard [10]	...	...	Amer..	U. S. Navy	Cristobal, C. Z..	Balboa, C. Z.	Ballast	
Gen. Wm. M. Graham. [11]	18	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Ballast	
Sirius	26	31	Amer..	U. S. Navy	Norfolk, Va	San Diego, Calif..	General	2,972
Memphis City	29	29	Amer..	Isthmian S. S. Lines..	Baltimore, Md...	Hilo, T. H	Steel, gen	6,470
Arkansan	29	29	Amer..	Amer.-Hawaiian Line.	Baltimore, Md...	Seattle, Wash	General	4,484
Chr. Knudsen [2]	28	29	Nor...	Canadian Transp. Co.	Demerara, B.W.I.	Vancouver, B. C.	Sugar	8,000
Clio [2]	28	29	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General	51
King Edwin [2]	28	29	Brit...	Anglo-Can. S. S. Co..	Cardiff, Wales	Vancouver, B. C.	Ballast	
Northleigh	29	29	Brit...	Seaboard Ship. Co	Barry, England..	Vancouver, B. C.	Ballast	
Binna	29	30	Nor...	Holta	Galveston, Tex..	Yokohama, Japan	Scrap iron	10,028
Stirlingville [2]	29	30	Nor...	Continental Grain Co.	Philadelphia, Pa.	Moji, Japan	Scrap rails	8,756
Pereira	22	30	Pan...	Grace Line	Cristobal, C. Z..	Champ'ico, Guat.	General	689
Porto Bello [3]	29	29	Pan...	A. Tagaropulos	Cristobal, C. Z..	Real, R. P.	General	3
J-47 [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z..	Gatun, C. Z.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [9] Destroyer. [10] Mine sweeper. [11] Mine planter. [13] Sailboat. [14] Auxiliary. [15] General, machinery, etc. [15] Diesel oil, gasoline. [17] Pipe, general, steel.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
City of Brisbane	29	30	Brit	Amer. & Aust. Line	Philadelphia, Pa.	Adelaide, Aust.	(13)	4,988
Point Caleta	30	30	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	4,794
King Edgar [2]	30	30	Brit	Anglo-Can. S. S. Co.	S. Shields, Eng.	Los Angeles, Cal.	Ballast	.....
Columbia Maru [2]	30	30	Jap.	Mitsubishi Shoji K.	Pt. Tampa, Fla.	Yokohama, Japan	Phosphate	8,337
Sona [2]	29	...	Pan.	Elliot Ship. & Land Co.	Cristoba, C. Z.	Balboa, C. Z.	Ballast	.....
Pirate [3]	25	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[14]	.....	20
San Simeon	30	31	Amer.	Quaker Line	New York, N. Y.	Tacoma, Wash.	Steel, gen.	3,059
Ciclon [2]	28	1	Ger.	Heinecke & Co.	Hamburg, Ger.	Callao, Peru	Ballast	.....
Leticia [3]	31	...	Pan.	A. Tagaropulos	Cristobal, C. Z.	Aguadulce, R. P.	Ballast	.....
Knud Rasmussen	30	1	Dan.	United Fruit Co.	Avonmouth, Eng.	S. Francisco, Cal.	Ballast	.....
Gen. Wm. M. Graham [11]	29	...	Amer.	U. S. Army	Cristobal, C. Z.	Ped. Miguel, C. Z.	Tow. barges	.....
Nebraskan	31	31	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Seattle, Wash.	General	2,720
City of Yokohama	31	1	Brit	Mont.-Aust.-N.Z. Line	Louisburg, N. S.	Sydney, Australia	General	5,275
Santa Barbara [2]	31	1	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	2,132
Republic [8]	31	2	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	2,599
President Harrison	1	1	Amer.	Dollar Line	New York, N. Y.	S. Francisco, Cal.	General	3,388
Lillian Luckenbach	1	1	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	3,415
Rigmor [1] [2]	31	1	Nor.	Anglo-Saxon Pet. Co.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	.....
Arawa	1	1	Brit	Shaw, Savill & Albion	London, England	Wellington, N. Z.	General	5,050
Hoyanger [2]	1	2	Nor.	Westfal, Larsen & Co.	Buenos Aires, Arg.	Vancouver, B. C.	General	4,250
Tento [2]	1	2	Nor.	E. B. Asbys Rederi	Baltimore, Md.	Osaka, Japan	Scrap iron	6,814
Geddington Court	1	2	Brit	Canadian Transp. Co.	Cardiff, Wales	N. Pacific port	Ballast	.....
Antigone	1	2	Brit	Mersey Paper Co.	Liverpool, N. S.	Dunedin, N. Z.	Paper	4,253
Marna	1	2	Dan.	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	2,300
Puerto Rican	2	2	Amer.	Chile Nit. Sales Corp.	Lake Charles, La.	Tocopilla, Chile	Ballast	.....
Silverwalnut [2]	2	2	Brit	Silver Line, Ltd.	Boston, Mass.	Hongkong, China	General	3,946
City of Derby	1	2	Brit	Norton, Lilly & Co.	Baltimore, Md.	Dalny, China	General	7,442
Nero [2]	31	2	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Tumaco, Colom.	General	73
Wisconsin	2	2	Fr.	French Line	Havre, France	Vancouver, B. C.	General	3,951
Knute Nelson [2]	2	3	Nor.	Fred Olsen Line	Oslo, Norway	Vancouver, B. C.	General	5,850
City of Rayville [2]	2	3	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Yokohama, Japan	Gen., autos.	5,692
Dakotan	2	3	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Portland, Oreg.	General	3,755
Ferndale [2]	3	3	Nor.	Fearnley & Eger	Pt. Tampa, Fla.	Kobe, Japan	Phos. rock	7,205
Nako Maru [2]	3	3	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	(15)	7,572
Dirigo [1]	2	3	Amer.	The Texas Co.	Pt. Arthur, Tex.	Los Angeles, Cal.	Lub. oil	9,126
Ino [2]	2	3	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	188
Emergency Aid	3	3	Amer.	McCormick S. S. Co.	Chester, Pa.	Seattle, Wash.	General	3,682
Mundelta	3	4	Brit	Wheelocks & Co.	Philadelphia, Pa.	Los Angeles, Cal.	Ballast	.....
Nuevo Panama [2]	2	3	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	175
Patricia [2]	3	4	Ger.	Hamburg-Amer. Line	Hamburg, Ger.	Champ'ico, Guat.	Ballast	.....
Pirate [3]	3	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]	.....	20
Nordpol [2]	3	4	Dan.	States Marine Corp.	New York, N. Y.	Kobe, Japan	Scrap iron	7,650
Darlington Court [2]	4	4	Brit	Canadian Transp. Co.	London, England	Vancouver, B. C.	Ballast	.....
S-45 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Brimanger [2]	3	4	Nor.	Interocean S. S. Co.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Pacific	4	4	Amer.	Weyerhaeuser S. S. Co.	New York, N. Y.	Seattle, Wash.	Steel, gen.	2,668
Marisa [1] [2]	4	4	Neth.	Shell Oil Co.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	.....
Doric Star	4	4	Brit	Shaw, Savill & Albion	Antwerp, Belgium	N. Plymouth, N. Z.	General	6,636
Franz Klasen [1] [2]	3	4	Pan.	W. Tankschiff Rhed'i.	Hamburg, Ger.	Talara, Peru	Ballast	.....
Frimaire [1]	3	4	Fr.	Anglo-Saxon Pet. Co.	Berre, France	Talara, Peru	Ballast	.....
Lebore	4	4	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Roda [2]	2	4	Ger.	Hamburg-Amer. Line	Hamburg, Ger.	Valparaiso, Chile	General	5,675
Axel Johnson [2]	2	4	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Gen., cement	4,237
Istmo	3	4	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	360
Modavia [2]	4	4	Brit	Donaldson Brothers	Glasgow, Scot.	Vancouver, B. C.	General	1,472
Durazzo	2	4	Ger.	Hamburg-Amer. Line	Cristobal, C. Z.	Guayaquil, Ecua.	General	313
Trois Ilets	3	4	Fr.	French Line	Cristobal, C. Z.	Manta, Ecuador	General	38
Acajutla	29	5	Brit	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	510
Carolinian	4	5	Amer.	Amer.-Hawaiian Line	Baltimore, Md.	Tacoma, Wash.	Steel, gen.	1,540
Asbjorn [2]	4	5	Dan.	Isbrandtsen Moller	New York, N. Y.	Kobe, Japan	General	6,583
Asakasan Maru [2]	4	5	Jap.	Mitsui Bussan Kaisha	Baltimore, Md.	Yokohama, Japan	General	6,128
Beaconstar [1]	5	6	Amer.	Standard Oil of N. J.	Baltimore, Md.	Talara, Peru	Ballast	.....
Mathew Luckenbach	5	5	Amer.	Luckenbach-Gulf Co.	Houston, Tex.	Seattle, Wash.	General	6,286
Gerassimos Vergottis	5	5	Greek	Adelphi Vergatti, Ltd.	Boston, Mass.	Yokohama, Japan	Scrap iron	8,527
Itukushima Maru [1] [2]	5	5	Jap.	Kyodo Gyogyo K. Kaisha	Tuxpan, Mexico	Yohokama, Japan	Crude oil	11,410
Boskoop	4	5	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	4,393
Germa	5	5	Nor.	Hasegama & Co.	Texas City, Tex.	Osaka, Japan	Scrap iron	6,896
Porto Bello [3]	5	5	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Canadian	4	6	Amer.	Grace Line	Philadelphia, Pa.	Valparaiso, Chile	General	5,093
Erviken	5	6	Nor.	Polaris S. S. Co.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Charles Christenson	5	6	Amer.	Arrow Line	New York, N. Y.	Seattle, Wash.	General	2,473

[1] Tanker. [2] Motor ship. [3] Motor schooner. [7] Submarine. [8] Transport. [11] Mine planter. [13] Machinery, general. [14] For bananas and return to Cristobal. [15] Gasoline, oil, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Rabaul [2]	6	6	Brit.	N. Z. Shipping Co.	London, England	Wanguanui, N. Z.	Sulphur, gen.	7,623
Pan Aruba [1 2]	6	6	Nor.	Huasteca Pet. Co.	Rotterdam, Neth.	Talara, Peru	Ballast	.....
Pyrrhus	6	6	Brit.	Alfred Holt & Co	Liverpool, Eng.	Portland, Oreg.	Ballast	.....
Aldington Court [2]	6	6	Brit.	Anglo-Can. S. S. Co.	Antwerp, Belgium	Vancouver, B. C.	Ballast	.....
Torvanger	5	6	Nor.	Chile Nit. Sales Corp.	Hamburg, Ger.	Chile	Ballast	.....
Troma [2]	5	6	Nor.	L. Mowinckels Rederi	Liverpool, Eng.	Los Angeles, Cal.	Ballast	.....
Tolten [2]	6	6	Brit.	Trinder Anderson & Co.	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
Kunikawa Maru [2]	6	6	Jap.	Kawasaki K. Kaisha.	Philadelphia, Pa.	Kobe, Japan	(15)	7,112
Oakland [2]	6	6	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	2,799
Lochgoil [2]	6	7	Brit.	Royal Mail Lines	Rotterdam, Neth.	Portland, Oreg.	General	4,296
Real [2]	5	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	5	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Pirate [3]	6	..	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]	.....	20
Trontolite [1 2]	6	7	Brit.	Imperial Oil Co.	St. John, N. B.	Talara, Peru	Ballast	.....
Bordeaux Maru	6	7	Jap.	K. Line	New York, N. Y.	Moji, Japan	(16)	7,708
Sanyo Maru [2]	6	7	Jap.	Osaka Shosen Kaisha.	Portland, Me.	Kobe, Japan	General	7,459
Kate	6	7	Greek.	W. D. Lykiardopulo.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Osnabruck [2]	6	7	Ger.	North German Lloyd.	Hamburg, Ger.	Valparaiso, Chile.	(17)	2,945
Ekatontarchos Dracoulis.	7	7	Greek.	Dracoulis Brothers	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
La Union [2]	5	..	Pan.	A. Valdes	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
J-26 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Sambu [2]	6	..	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]	.....	25
Heina [2]	7	8	Nor.	Seaboard Ship. Co.	Hull, England	Vancouver, B. C.	Ballast	.....
Mersington Court	7	9	Brit.	Chile Nit. Sales Corp.	Genoa, Italy	Chile	Ballast	.....
Kaimata [2]	7	8	Brit.	Mont.-Aust.-N.Z. Line	St. John, N. B.	Adelaide, Aust.	General	5,115
Washington Express. [2]	8	8	Nor.	Fruit Express Line	Glasgow, Scot.	Los Angeles, Cal.	Ballast	.....
Nairnbank [2]	8	8	Brit.	Bank Line, Ltd.	Galveston, Tex.	Adelaide, Aust.	Gen., cotton.	4,458
African Reefer [2]	8	8	Dan.	J. Lauritzen	Hook of Holland.	Los Angeles, Cal.	Ballast	.....
Snestad [2]	8	8	Nor.	Fern Line	New Orleans, La.	Yokohama, Japan	(18)	6,388
Lagarto [2]	7	8	Brit.	Pacific Steam Nav. Co	Hull, England	Valparaiso, Chile.	General	2,893
Santa Rita [2]	8	9	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile.	General	2,379
Loke [13]	...	...	Amer.	O. Peterson	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Hobo [13]	...	...	Amer.	M. C. Dunn	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Hi-Wini [13]	...	...	Amer.	H. Rose	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Toulouse [2]	8	9	Nor.	Barber Wilhelmsen	New York, N. Y.	Osaka, Japan	(19)	7,769
Kansan	9	9	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,675
Atlantic [1 2]	9	9	Nor.	Standard Oil of N. J.	Caripito, Venez.	Tocopilla, Chile.	Fuel oil	10,900
Daylight [1 2]	9	9	Amer.	Socony-Vac. Oil Co.	London, England	Los Angeles, Cal.	Ballast	.....
Marore	9	9	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Primero [2]	8	9	Nor.	Ataka & Co.	New York, N. Y.	Osaka, Japan	Scrap iron	7,285
Thalatta [2]	8	9	Nor.	Maersk Line	Norfolk, Va.	Yokohama, Japan	General	6,818
Walter A. Luckenbach.	9	9	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,814
Chickasaw City	9	9	Amer.	Isthmian S. S. Lines.	New York, N. Y.	Seattle, Wash.	Steel, gen.	3,073
Leo Dawson	9	9	Brit.	Chile Nit. Sales Corp.	Newport, Eng.	Chile	Ballast	.....
Clio [2]	7	9	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	72
Nero [2]	8	9	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Tumaco, Colom.	General	90
Yamabiko Maru	9	9	Jap.	Yamashita Kisen K.	Buenos Aires, Arg.	Yokohama, Japan	(20)	2,755
Grover J. [13]	...	...	Amer.	Grover Gravatt	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sea Deer [13]	...	...	Amer.	Babby Patchett	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Me-an-Pop [13]	...	...	Amer.	Fred Hauss	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Salvus	9	10	Brit.	Freeport Sulphur Co.	Freeport, Tex.	Fremantle, Aust.	Sulphur	8,032
Yorkmar	9	10	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	8,231
Theofano Livanos	10	10	Greek.	S. Livanos & Co.	New York, N. Y.	Kamaitsi, Japan.	Scrap iron	7,714
El Aleto [1 2]	10	10	Brit.	C. T. Bowring & Co.	Ellesmere, Eng.	Cabo Bl'eo, Peru	Ballast	.....
San Amado	10	10	Brit.	Eagle Oil & Ship. Co.	London, England	Los Angeles, Cal.	Ballast	.....
Risanger	10	10	Nor.	States Marine Corp.	Boston, Mass.	Yokohama, Japan	(21)	7,132
Pacific Enterprise. [2]	10	10	Brit.	Furness, Withy & Co.	Glasgow, Scot.	Vancouver, B. C.	General	952
Santa Maria [6]	9	...	Pan.	J. A. Sexton	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Remuera	10	11	Brit.	N. Z. Shipping Co.	Auckland, N. Z.	London, England	Frozen, gen.	4,835
Leme [2]	9	11	Ital.	Italia S. A.	N. Westm'er, B.C.	Trieste, Italy	General	8,967
Harry Luckenbach	10	11	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,486
Nicolaou Ourania.	10	11	Greek.	Canadian-Pac. Line	Pt. Alberni, B. C.	London, England	(22)	9,000
Sanyo Maru [2]	11	11	Jap.	Osaka Shosen Kaisha.	Kobe, Japan	Baltimore, Md.	General	1,913
Ino [2]	10	13	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	129
Australian Reefer [2]	11	11	Dan.	J. Lauritzen	Seattle, Wash.	Haifa, Palestine.	Fruit	1,631
Santa Clara	7	11	Amer.	Grace Line	San Antonio, Chile	New York, N. Y.	General	3,649
Kunikawa Maru [2]	11	12	Jap.	Kawasaki K. Kaisha.	Pulupandan, P. I.	New York, N. Y.	Sugar, gen.	5,251

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [13] Sailboat. [14] For bananas and return to Cristobal. [15] Scrap iron, copper. [16] Pig iron and cotton. [17] General, iron, cement, etc. [18] Cotton, scrap iron. [19] Scrap iron, general. [20] Oil, wool, hides, etc. [21] Scrap iron, steel. [22] Lumber, barley, wheat.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Chateau Thierry [8]	9	12	Amer..	U. S. Army.....	Balboa, C. Z....	New York, N. Y.	Army stores.	24
Mount Helikon...	11	11	Greek.	Chile Nit. Sales Corp.	Tocopilla, Chile..	Azores [13].....	Nitrate.....	8,275
Koryu Maru [2]...	10	11	Jap...	United Ocean Transp.	Iloilo, P. I.....	New York, N. Y.	Sugar, gen..	8,933
Nero [2].....	11	12	Neth..	Royal Neth. S. S. Co.	Tumaco, Colom..	Cristobal, C. Z..	Coffee, gen..	243
Tisnaren [2].....	11	12	Swed..	Burns, Philip S. S. Co.	Port Piric, Aust..	Newcastle, Eng..	(14)	8,748
Fella [2].....	11	12	Ital...	Italian Line.....	Vancouver, B. C.	Trieste, Italy....	General.....	6,806
Durazzo.....	11	16	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z..	General.....	1,150
Maine.....	11	12	Amer..	Calif.-Eastern Line...	Portland, Oreg...	Philadelphia, Pa.	Lumber, gen.	6,930
Peter Kerr.....	11	12	Amer..	Seaboard Ship. Co...	Pt. Alberni, B. C.	New York, N. Y.	Lumber.....	8,925
Helm No. 388 [9]..	12	12	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Anglo Peruvian...	11	13	Brit...	Anglo-Can. S. S. Co..	Powell Riv., B.C.	London, England	(15)	9,040
Platano.....	11	12	Pan...	United Fruit Co.....	Pto.Arm'les.R.P.	New York, N. Y.	Bananas....	1,192
Puerto Rican.....	12	12	Amer..	Chile Nit. Sales Corp.	Tocopilla, Chile..	Mobile, Ala.....	Nit. of soda.	9,202
Asakasan Maru [2].	12	12	Jap...	Mitsui Bussan Kaisha	Manila, P. I.....	Philadelphia, Pa.	General.....	6,900
Bonnington Court	[2] 12	12	Brit...	Seaboard Ship. Co...	Vancouver, B. C.	London, England	Grain, lum..	8,560
Kahuku.....	12	12	Amer..	Matson Nav. Co.....	Honolulu, T. H..	Philadelphia, Pa.	Raw sugar..	8,297
Anniston City....	12	12	Amer..	Isthmian S. S. Lines..	Seattle, Wash...	Baltimore, Md...	(16)	5,279
Nevadan.....	12	12	Amer..	Amer.-Hawaiian Line.	Seattle, Wash....	Boston,Mass....	General.....	7,648
Maria Cristina [2]..	12	12	Pan...	A. Tagaropulos.....	Darien, R. P....	Cristobal, C. Z..	(17)	13
Real [2].....	12	13	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	19
Frank [2].....	12	14	Pan..	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bannas.....	30
Vibran [2].....	12	13	Nor...	Knutsen Line.....	Portland, Oreg...	London, England	Fruit.....	1,550
Kongo Maru [2]...	12	13	Jap...	Kokusai Kisen Kaisha	Manila, P. I.....	New York, N. Y.	Silk, gen....	7,470
Trois Ilets.....	13	16	Fr...	French Line.....	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	70
Christiansborg...	13	13	Dan...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Wilmington,N.C.	Nitrate.....	5,058
Firenze [2] [6].....	13	14	Amer..	M. R. Guggenheim...	Long Beach, Cal.	Miami, Fla.....	Ballast.....	.....
Orbita.....	13	14	Brit...	Pacific Steam Nav.Co.	Talcahuano,Chile	Liverpool, Eng...	General.....	7,263
Tornus [1] [2].....	14	14	Brit...	Curacaosche Pet. Ind.	S. Francisco, Cal.	Curacao, N. W. I.	Gasoline....	11,406
Hindanger [2].....	14	14	Nor...	Interocean S. S. Co..	Los Angeles, Cal.	Havre, France...	Lumber, gen.	7,031
Ciss.....	14	15	Nor...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	886
Tacoma.....	14	15	Ger...	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger...	Lumber, gen.	8,014
Point Judith.....	15	15	Amer..	Swayne & Hoyt.....	Portland, Oreg...	New Orleans, La.	Lumber, gen.	6,265
Forbes Hauptman	15	15	Amer..	Bulk Carriers Corp...	Portland, Oreg...	Houston, Tex....	Wheat.....	8,073
Santa Barbara [2]..	15	15	Amer..	Grace Line.....	SanAntonio,Chile	New York, N. Y.	General.....	4,872
Salvador.....	15	22	Brit...	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z..	General.....	635
Arizonan.....	15	15	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass....	Lumber, gen.	7,554
Frida.....	15	15	Dan...	West Coast Line.....	Talcahuano,Chile	New York, N. Y.	Nitrate, gen.	2,568
Gannet [4].....	15	...	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Nansenville [2].....	15	16	Neth..	Fred Olsen.....	Vancouver, B. C.	Oslo, Norway...	General.....	7,329
Rolling Stone [2] [5].	15	...	Pan...	R. Wilcox.....	Balboa, C. Z....	Cristobal, C. Z..	Ballast.....	.....
Tuira [2].....	15	16	Pan...	Julio Laffargue.....	Darien, R. P....	Cristobal, C. Z..	Bananas....	38
Rhakotis [2].....	15	16	Ger...	Hamburg-Amer. Line.	Corral, Chile....	Hamburg, Ger...	General.....	7,715
Frederic R. Kellogg. [1]	15	16	Amer..	Standard Oil of N. J..	Talara, Peru....	Aruba, N. W. I..	(18)	9,922
Pacific Ranger [2]..	15	16	Brit...	Furness, Withy & Co.	Victoria, B. C...	Glasgow, Scot...	General.....	8,790
Jutland.....	15	16	Brit...	Seaboard Ship. Co...	Vancouver, B. C.	Hull, England...	Grain, lum..	9,150
Rupert De Larrinaga.	16	16	Brit...	Chile Nit. Sales Corp.	Iquique, Chile...	Azores [13].....	Nitrate.....	8,600
Clio [2].....	16	22	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z..	General.....	322
L-53 [5].....	16	...	Amer..	U. S. Army.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
M-101 [5].....	16	...	Amer..	U. S. Army.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Missourian [2].....	16	17	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Boston, Mass....	General.....	7,371
Helen Whittier...	17	17	Amer..	Matson Nav. Co.....	Honolulu, T. H..	Baltimore, Md...	General.....	6,561
W. R. Keever.....	17	17	Amer..	Dutton Lumber Corp.	Portland, Oreg...	New York, N. Y.	Lumber.....	7,400
Alva [2] [6].....	16	20	Amer..	W. K. Vanderbilt....	Miami, Fla.....	Miami, Fla.....	Ballast.....	.....
Lochkatrine [2]....	17	18	Brit...	Royal Mail Lines....	Victoria, B. C...	Rotterdam, Neth.	General.....	10,270
Talaralite [1].....	17	17	Brit...	International Pet. Co.	Corinto, Nic.....	Barranquilla,Col.	Ballast.....	.....
Robert Luckenbach.	17	17	Amer..	Luckenbach Line....	Seattle, Wash...	Boston, Mass....	General.....	8,025
Bolton Castle....	17	17	Brit...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Alexandria,Egypt	Nit. of soda.	8,612
Surrey.....	17	18	Brit...	N. Z. Shipping Co...	New Zealand....	London, England	Frozen, gen.	6,217
Istmo.....	17	21	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	700
Valparaiso [2].....	17	18	Swed..	Johnson Line.....	SanAntonio,Chile	Goth'burg, Swed.	General.....	6,183
Crawford Ellis...	17	18	Nor...	United Fruit Co.....	Los Angeles, Cal.	New Orleans, La.	Ballast.....	.....
Lebore.....	18	18	Amer..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	21,300
Nero [2].....	17	19	Neth..	Royal Neth. S. S. Co.	Tumaco, Colom..	Cristobal, C. Z..	Coffee, hides	265
Marie Leonhardt.	17	20	Ger...	North German Lloyd.	Champ'ico, Guat.	Hamburg, Ger...	(19)	2,597
San Tiburcio [1]...	18	18	Brit...	Eagle Oil & Ship. Co.	Talcahuano,Chile	Tampico, Mexico	Ballast.....	.....
Vermar.....	18	18	Amer..	Calmar S. S. Corp...	Portland, Oreg...	Baltimore, Md...	Lumber....	6,595
Cerigo.....	18	23	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z..	(20)	862
Hoegh Carrier [2]..	18	19	Nor...	Skib. Arnstein.....	Nasugbu, P. I...	U. S. A. Atl. ports	Sugar.....	8,150
General W. M. Graham. [11]	18	...	Amer..	U. S. Army.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Marian Otis Chandler. [1]	18	19	Amer..	Matson Nav. Co.....	Hilo, T. H.....	Galveston, Tex..	Sugar.....	7,798
John Bakke [2]....	18	19	Nor...	Scand. S. Pac. Line..	Antof'gasta,Chile	Oslo, Norway...	General.....	7,129
F. J. Luckenbach.	19	19	Amer..	Luckenbach Line....	Seattle, Wash...	Mobile, Ala.....	General.....	5,574

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [6] Yacht. [8] Transport. [9] Destroyer. [11] Mine planter. [13] For orders. [14] Copra, lead, zinc. [15] Lumber, grain, pulp. [16] Pulp, lumber, general. [17] Plantains, lumber. [18] Blending naphtha. [19] Coffee, cotton, lumber. [20] Coffee, hides, nuts.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Musa	19	19	Pan...	United Fruit Co.	Pto.Arm'les,R.P.	New York, N. Y.	Bananas	1,500
Nuevo Panama [2]	19	20	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	51
Daldorch	19	19	Brit...	Anglo-Can. Ship. Co.	Brit. Columbia	London, England	Grain, lum.	8,050
West Cactus	18	20	Amer..	McCormick S. S. Co.	Coos Bay, Oreg.	BuenosAires,Arg.	General	6,127
Willmoto [2]	19	19	Amer..	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	7,115
Frank [2]	19	20	Pan...	E. J. Hooper	Darien, R. P.	Cristobal, C. Z.	Bananas	33
Real [2]	19	20	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Kent	19	20	Brit...	FederalSteamNav.Co.	Dunedin, N. Z.	Glasgow, Scot.	Frozen, gen.	6,327
Munchen [2]	19	20	Ger...	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	7,060
Oregon Express [2]	20	20	Nor...	Fruit Express Line	Seattle, Wash.	Glasgow, Scot.	Fresh fruit	1,900
Kaikoura [2]	20	21	Brit...	Trinder Anderson Co.	Napier, N. Z.	Halifax, N. S.	General	1,198
New Westminster City.	20	20	Brit...	Reardon Smith Line.	Vancouver, B. C.	Avonmouth, Eng.	Wheat, cot.	6,000
Akaroa	20	21	Brit...	Shaw, Savill & Albion	Wellington, N. Z.	London, England	Frozen, gen.	6,528
Porto Bello [5]	20	20	Pan...	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(14)	43
Gothic Star	20	21	Brit...	Blue Star Line	N.Westm'er,B.C.	Newcastle, Eng.	Frozen, gen.	4,961
Hokkai Maru [2]	20	21	Jap...	Osaka Shosen Kaisha.	Iloilo, P. I.	New York, N. Y.	General	5,500
Edward Luckenbach.	21	21	Amer..	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,613
Panaman	21	21	Amer..	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	5,806
Socony Vacuum [1]	21	21	Amer..	Socony-Vac. Oil Co.	Los Angeles, Cal.	Providence, R. I.	Gasoline	14,010
Uffington Court	21	21	Brit...	Seaboard Shipping Co.	Vancouver, B. C.	London, England	Wheat, lum.	8,610
President de Vogue. [1] [2]	21	21	Nor...	Cia. Des. Prod. Chim.	Talara, Peru	Pt. de Bouc, Fr.	Crude oil	13,701
San Gabriel	21	21	Amer..	Pacific-Atl. S. S. Co.	S. Francisco, Cal.	Philadelphia, Pa.	General	2,801
Stenshy [2]	21	21	Dan...	Canadian Transp. Co.	Vancouver, B. C.	Avonmouth, Eng.	Lum., grain.	6,678
Benledi	21	22	Brit...	G. H. Scales, Ltd.	Townsville, Aust.	Dunkerque, Fr.	(15)	6,580
Pennsylvania	21	22	Amer..	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	Fruit, gen.	7,639
Marore	22	22	Amer..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,500
Trongate	21	22	Brit...	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nitrate	6,800
Washington	22	22	Amer..	Weyerhaeuser S.S. Co.	Los Angeles, Cal.	Baltimore, Md.	Lumber, gen.	7,532
Santa Rita [2]	22	22	Amer..	Grace Line	Chanaral, Chile	New York, N. Y.	Copper, gen.	2,298
Pereira	22	29	Pan...	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	751
Washington [2]	22	23	Fr...	French Line	Vancouver, B. C.	Havre, France	General	8,571
Tuira [2]	22	23	Pan...	Julio Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	48
Lila [2]	22	23	Pan...	Manuel Lopez	Chepo, R. P.	Cristobal, C. Z.	Bananas	25
Hoxbar [1]	23	23	Amer..	Petrol Corp.	Pt. Petrol, Calif.	PerthAmboy,N.J.	Crude oil	10,360
Oregonian	22	23	Amer..	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	5,407
Temple Bar	22	23	Brit...	Anglo-Canadian Co.	Pt. Alberni, B. C.	Hull, England	Wheat, lum.	7,500
Elwood [1]	22	23	Amer..	Shell Oil Co.	Los Angeles, Cal.	Providence, R. I.	(16)	10,488
Koyei Maru [2]	23	23	Jap...	UnitedOceanTrans.Co	Iloilo, P. I.	New York, N. Y.	Silk, sugar	8,800
Manoeran [2]	23	23	Neth..	Pac.-Java-Bengal Line	Belawan, Sum.	Calcutta, India	General	8,438
Hird [2]	23	24	Nor...	States Marine Corp.	Manila, P. I.	New Orleans, La.	Sugar	8,250
Langleeford	23	24	Brit...	Louis Dreyfus & Co.	Portland, Oreg.	Lisbon, Portugal.	Wheat	7,086
Trois Ilets	24	27	Fr...	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	159
Copiapo [2]	24	25	Chile..	Cia. Sud Amer. de Vap.	Corral, Chile	Hamburg, Ger.	General	3,057
S-45 [7]	24	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Temple Mead	24	24	Brit...	Anglo-Can. S. S. Co.	Vancouver, B. C.	Liverpool, Eng.	Lum., grain	7,327
Chilore	25	25	Amer..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,000
Yomachichi [2]	24	25	Amer..	Roosevelt S. S. Co.	Adelaide, Aust.	Baltimore, Md.	General	6,037
Ino	24	27	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	171
Honomu	24	25	Amer..	Matson Nav. Co.	Hilo, T. H.	N. of Hatteras	Sugar	8,482
Karmt [2]	24	25	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile	Savannah, Ga.	(17)	8,872
Nyhorn [2]	24	25	Nor...	Knutsen Line	Vancouver, B. C.	Belfast, Ireland	Wheat, gen.	7,124
Ferncliff [2]	25	25	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile	New Orleans, La.	Nitrate	7,740
Helder	25	26	Neth..	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	5,735
Vermont	24	26	Amer..	Calif.-Eastern Line	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,310
Athina Livanos	25	...	Greek.	Bunge Corp.	Portland, Oreg.	Lisbon, Portugal.	Wheat	8,128
Temple Yard	25	26	Brit...	Canadian Transp. Co.	Portland, Oreg.	London, England	Wheat, lum.	8,615
Harboe Jensen [2]	25	27	Nor...	United Fruit Co.	Pto.Arm'les,R.P.	Pto.Cortez,Hond.	Ballast	.....
Manizales	26	27	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	761
Kaia Knudsen [1] [2]	25	26	Nor...	H. P. Drewry	Cabo Bl'co, Peru.	Donges, France	Crude oil	13,919
William Luckenbach.	26	26	Amer..	Luckenbach Line	Tacoma, Wash.	Boston, Mass.	(18)	7,175
Absaroka	26	26	Amer..	McCormick S. S. Co.	Townsend, Wash.	Philadelphia, Pa.	Lumber, gen.	7,500
Moveria [2]	26	26	Brit...	Donaldson Line	Vancouver, B. C.	Glasgow, Scot.	General	5,764
Yamazuki Maru [2]	26	27	Jap...	Yamashita K. Kaisha	Kobe, Japan	BuenosAires,Arg.	General	961
Point Estero	26	26	Amer..	Gulf-Pacific Line	Powell Riv., B. C.	Houston, Tex.	Gen., lumber	5,080
Istmo	26	27	Pan...	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	589
Frank [2]	25	...	Pan...	E. J. Hooper	Darien, R. P.	Cristobal, C. Z.	Ballast	.....
Tuira [2]	26	27	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Ward [2]	26	27	Amer..	Roosevelt S. S. Co.	Santo Nino, P. I.	Baltimore, Md.	Sugar, gen.	7,954
Celtic Monarch	27	27	Brit...	Canadian Transp. Co.	Nehoue, N. Caled	Baltimore, Md.	Chrome ore	8,200
Borgestad [2]	27	27	Nor...	Canadian Transp. Co.	Vancouver, B. C.	Pt. of Spain, Tr.	Lumber, gen.	6,230
Miss C. B. [2]	26	28	Brit...	Sanabris Mines, Ltd.	Tumaco, Colom.	Sta. Maria, Col.	Ballast	.....
Queen Victoria [2]	27	27	Brit...	Thomas Dunlop Sons.	Philippine Is.	New York, N. Y. [13]	Sugar	8,800
Porto Bello [2]	27	27	Pan...	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(14)	9
Steelore	28	28	Amer..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,500

[1] Tanker. [2] Motor ship. [5] Launch. [7] Submarine. [13] For orders. [14] Plantains, lumber. [15] Wool, zinc, concentrates. [16] Iso-octane, kerosene. [17] Nitrate, salt cake. [18] Lumber, canned goods.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Portland [2]	28	29	Ger	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	6,397
Naruto Maru [2]	27	28	Jap	Nippon Yusen Kaisha	Iloilo, P. I.	New York, N. Y.	Silk, gen.	6,775
Trondanger [2]	28	28	Nor	Interocean S. S. Co.	Seattle, Wash.	Rotterdam, Neth.	Grain, gen.	8,263
Dinteldijk [2]	28	29	Neth.	Holland-Amer. Line.	Victoria, B. C.	Rotterdam, Neth.	Wheat, gen.	8,662
Clio [2]	28	29	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	General	393
Point Palmas	28	28	Amer.	Swayne & Hoyt	Portland, Oreg.	Panama City, Fla.	Lumber, gen.	5,492
Maranon	27	28	Peru	C. P. V. D.	Callao, Peru	Iquitos, Peru	General	1,246
Marit [1]	28	29	Nor	Jorgen P. Jensen	Tocopilla, Chile	Aruba, N. W. I.	Ballast	.....
Utahan	29	29	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	5,874
Thorshovdi [1] [2]	29	29	Nor	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End [13]	(14)	14,090
Oklahoman	29	29	Amer.	Grace Line	Tocopilla, Chile	Norfolk, Va.	Nitrate	8,302
Acajutla	29	5	Brit	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	General	669
Santa Lucia	29	30	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	General	5,829
San Rafael	29	30	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,436
Ludington [8]	28	30	Amer.	U. S. Army	Honolulu, T. H.	New York, N. Y.	Supplies	869
Elin K.	29	29	Nor	Chile Nit. Sales Corp.	Tocopilla, Chile	Wilmington, N.C.	Nitrate	8,315
Sona [2]	29	30	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
Rangitiki [2]	29	30	Brit	N. Z. Shipping Co.	Wellington, N. Z.	London, England	General	6,602
Tasmania [2]	29	30	Dan	Kawasaki K. Kaisha	Manila, P. I.	New York, N. Y.	Sugar, gen.	5,720
San Francisco	30	31	Fr	French Line	Vancouver, B. C.	Havre, France	General	4,373
Tuscaloosa City	30	31	Amer.	Isthmian S. S. Lines.	Vancouver, B. C.	Avonmouth, Eng.	General	6,566
Alaskan	30	30	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	5,156
Haxby	30	30	Brit	Acoje Mining Co.	Santa Cruz, P. I.	Philadelphia, Pa.	Chrome ore	8,250
San Jose	30	30	Amer.	United Fruit Co.	Pto. Arm'les R.P.	Mobile, Ala.	Bananas	1,200
Blairangus	30	30	Brit	Scaboard Ship. Co.	Nanoose, B. C.	Newport, Eng.	Lumber	6,756
Mauna Kea	30	30	Amer.	Matson Nav. Co.	Honolulu, T. H.	New York, N. Y.	Sugar, gen.	7,679
Laila	30	31	Dan	Wessel, Duval & Co.	Tocopilla, Chile	New York, N. Y.	(15)	2,680
Amerikaland [2]	30	31	Swed	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,250
L. A. Christensen. [2]	30	31	Nor	Chile Nit. Sales Corp.	Ant'fagasta, Chile	Pensacola, Fla.	Nit. of soda	7,727
Zealandic [2]	29	31	Brit	Shaw, Savill & Albion	Sydney, N. S. W.	Glasgow, Scot.	Frozen, gen.	7,996
Chelsea [2]	30	31	Brit	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nit. of soda	7,820
Tosca [2]	30	31	Nor	Knutsen Line	Valparaiso, Chile.	Lands End [13]	(16)	6,929
K. I. Luckenbach	31	31	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	6,150
Cornwall	30	31	Brit	FederalSteamNav.Co.	Dunedin, N. Z.	Glasgow, Scot.	Frozen, gen.	6,740
Nero [2]	31	2	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	136
Kaldfonn [1] [2]	31	31	Nor	Standard Oil of N. J.	Lobitos, Peru	Halifax, N. S.	Crude oil	14,150
Mathilde Maersk	31	1	Dan	A. P. Moller	Guayamas, Mex.	London, England	Rice, coffee	3,107
S-43 [7]	1	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Mallard [4]	1	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Florence Luckenbach.	1	1	Amer.	Luckenbach Line	Portland, Oreg.	New Orleans, La.	General	2,477
Balboa [2]	1	1	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	General	6,809
Paula	1	1	Dan	West Coast Line	Tocopilla, Chile	New York, N. Y.	Nit. of soda	2,400
Heranger [2]	1	1	Nor	Interocean S. S. Co.	Seattle, Wash.	Rotterdam, Neth.	General	7,432
Port Halifax [2]	2	3	Brit	M. A. N. Z. Line	Adelaide, Aust'lia	Montreal, Can.	General	1,966
Kongsdal [1] [2]	2	2	Nor	Standard Oil of N. J.	Talara, Peru	Aruba, N. W. I.	(17)	13,929
Ino [2]	2	3	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee, skins.	244
Nuevo Panama [2]	2	3	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	99
Oakmar	2	2	Amer.	Calmar S. S. Corp.	Astoria, Oreg.	Baltimore, Md.	Lum., copper	6,600
Goslar	2	4	Ger	North German Lloyd.	Wellington, N. Z.	Baltimore, Md.	(18)	7,255
Durazzo	2	4	Ger	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,104
Honolulan	2	3	Amer.	Chile Nit. Sales Corp.	Tocopilla, Chile	Pensacola, Fla.	Nitrate	10,700
L-41 [5]	2	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Porto Bello [2]	2	2	Pan	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(19)	24
Fernbank [2]	2	3	Nor	Fern Line	Legaspi, P. I.	Baltimore, Md.	General	7,608
Martin Bakke [2]	2	3	Nor	Knutsen Line	Antof'gasta, Chile	Goth'burg, Swed.	General	7,328
Californian [2]	3	3	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	4,742
Trois Ilets	3	4	Fr	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	124
Istmo	3	4	Pan	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	659
Orduna	3	4	Brit	Pacific Steam Nav. Co	Talcahuano, Chile	Liverpool, Eng.	Copper, gen.	5,916
Santore	3	3	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,500
Maravi	3	3	Pan	United Fruit Co.	Pto. Arm'les, R.P.	Boston, Mass.	Ballast	.....
Steel Exporter	3	4	Amer.	Isthmian S. S. Lines.	Honolulu, T. H.	Baltimore, Md.	(20)	7,508
Leticia [2]	3	4	Pan	A. Tagaropulos	Aguadulce, R. P.	Cristobal, C. Z.	Sugar	99
Duba	3	4	Y-Slav	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrate	6,560
Dusseldorf [2]	3	4	Ger	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	5,789
Turrialba	4	4	Amer.	United Fruit Co.	Englewood, B. C.	New York, N. Y.	Lumber	2,650
Illinois	4	4	Amer.	States S. S. Co.	Portland, Oreg.	Vera Cruz, Mex.	Wheat	7,015
Sofia	3	5	Greek.	Nomicos & Co.	Long Beach, Cal.	Piraeus, France	Ballast	.....
Ville d'Amiens	4	5	Fr	Messageries Marit'es.	Noumea, N.Caled	Marseilles, Fr.	Coffee, gen.	5,324
Ingerseks	4	4	Nor	Chile Nit. Sales Corp.	Antof'gasta, Chile	Wilmington, N.C.	Nitrate	7,875
Nienburg	4	6	Ger	North German Lloyd.	Pto. Angel	Hamburg, Ger.	Coffee, gen.	3,250
Schwaben	4	6	Ger	North German Lloyd.	Victoria, B. C.	Bremen, Ger.	General	6,980
Virgilio [2]	4	6	Ital	Societa Italia	Valparaiso, Chile.	Genoa, Italy	General	2,661
Herman Frasch	4	5	Amer.	Dutton Lum. Corp.	Tacoma, Wash.	New York, N. Y.	Lumber	5,400
Virginia	4	5	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	6,261

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [8] Transport. [13] For orders. [14] Gasoline, kerosene. [15] Nitrate, copper ore. [16] Manganese ore, general. [17] Naphtha, gasoline, kerosene. [18] Wool, manganese ore. [19] Plantains, lumber. [20] Sugar, pineapples, canec.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Edda	4	5	Ital.	Lloyd Triestino	Comox	Rotterdam, Neth.	Fruit, gen.	3,995
Mayan	5	12	Amer.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	809
American Reefer [2]	4	5	Dan.	J. Lauritzen	Seattle, Wash.	Haifa, Palestine	Fruit, gen.	2,094
Ramon de Larrinaga.	4	5	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Hull, England	General	4,457
Kwanto Maru [2]	4	6	Jap.	Osaka Shosen Kaisha	Manila, P. I.	Baltimore, Md.	Sugar, gen.	5,283
Atenas	5	6	Amer.	United Fruit Co.	Cowichan, B. C.	Philadelphia, Pa.	Lumber	2,605
Akagi Maru [2]	5	5	Jap.	Nippon Yusen Kaisha	Yokohama, Japan	Hamburg, Ger.	General	6,134
Olympia [2]	5	6	Dan.	Continental Grain Co.	Manila, P. I.	Baltimore, Md.	Sugar	7,725
Abangarez	5	6	Amer.	Seaboard Ship. Co.	N. West'er, B. C.	Boston, Mass.	Lumber	2,442
La Union [2]	5	7	Pan.	A. A. Valdes	Darien, R. P.	Cristobal, C. Z.	Bananas	32
Real [2]	5	6	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Sona [2]	5	6	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	31
Rasma	5	5	Latv.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nit. of soda	4,900
Amerika [2]	5	6	Dan.	East Asiatic Co.	Vancouver, B. C.	Copenhagen, Den	Fruit, gen.	9,206
Uruguay [2]	5	6	Swed.	Johnson Line	Valparaiso, Chile.	Stockholm, Swed.	Salt, general	5,987
Cubore	6	6	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,000
Nancy Moran	5	7	Amer.	Moran Tow. & Transp.	Callao, Peru	New York, N. Y.	Ballast	.....
D. G. Scofield [1]	6	6	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Baltimore, Md.	(14)	11,110
Liberty Glo	6	6	Amer.	Amer. Foreign S.S. Corp	Olympia, Wash.	New York, N. Y.	Lumber	6,780
San Ubaldo [1]	6	6	Brit.	Eagle Oil & Ship. Co.	Valparaiso, Chile.	Pto. Mexico	Ballast	.....
Hagen	6	7	Ger.	Hamburg-Amer. Line.	Pto. Montt, Chile.	Hamburg, Ger.	General	7,628
El Oso [1]	6	7	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Ellesmere, Eng.	Oil	10,256
Vancouver	7	8	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	Wheat, gen.	8,516
Gypsum Prince	6	7	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Lake Charles, La.	Nit. of soda	6,418
S-44 [7]	...	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Pacific Reliance [2]	6	7	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot.	General	8,817
Aobasan Maru [2]	6	7	Jap.	Mitsui Bussan Kaisha	Iloilo, P. I.	Baltimore, Md.	Silk, general.	8,226
S-46 [7]	...	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Lebec [1]	6	7	Amer.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, N. W. I.	Stove oil	10,124
Heffron	6	7	Amer.	Pac. Coast Dir. Line.	Portland, Oreg.	Norfolk, Va.	Lumber, gen.	8,993
Bennekom	7	8	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	7,907
Arica	7	8	Fr.	French Line	Valparaiso, Chile.	Havre, France	General	7,717
Calmar	7	7	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Baltimore, Md.	Copper, lum.	6,600
Kirishima Maru [2]	7	8	Jap.	Kokusai Line	Manila, P. I.	New York, N. Y.	General	6,801
Triton [2]	7	8	Nor.	Barber Wilhelmsen	San Carlos, P. I.	New York, N. Y.	General	4,739
Indianan	7	7	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	General	5,747
Clio [2]	7	9	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	152
Santa Maria [2]	7	8	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	5,227
Damsterdijk [2]	7	9	Neth.	Holland-Amer. Line	Victoria, B. C.	Rotterdam, Neth.	General	8,880
Iowan	7	8	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	5,472
Paul Luckenbach	8	8	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	6,200
Firmore	8	8	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,850
Nero [2]	8	9	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee	160
Stjerneborg [2]	8	8	Dan.	C. K. Hansen	Pt. Alberni, B. C.	New York, N. Y.	Lumber	7,463
Laurits Swenson [2]	8	9	Nor.	Fred Olsen & Co.	Vancouver, B. C.	Norway	General	7,904
Kimikawa Maru [2]	8	9	Jap.	Kawasaki K. Kaisha	Manila, P. I.	Baltimore, Md.	Silk, general.	8,011
S-45 [7]	8	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-47 [7]	8	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Dunedin Star [2]	8	9	Brit.	Blue Star Line	N. Plymouth, N.Z.	London, England	Forzen, gen.	9,093
Nagara Maru [2]	8	9	Jap.	Nippon Yusen Kaisha	Keelung, Japan.	Baltimore, Md.	Sugar, gen.	4,682
Cerigo	9	12	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	605
Baldhill [1]	9	9	Amer.	Shell Terminal Corp.	Los Angeles, Cal.	Curacao, N. W. I.	(15)	9,325
Helga	9	9	Dan.	J. Lauritzen	San Antonio, Chile	New York, N. Y.	General	2,590
Niel Maersk [2]	9	10	Dan.	A. P. Moller	Manila, P. I.	Baltimore, Md.	General	6,708
Tregenna	9	9	Brit.	Balfour, Guthrie Co.	Portland, Oreg.	Cobh, Ireland [12]	Wheat	7,430
Santa Maria [5]	9	10	Pan.	James A. Sexton	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Winslow [5]	9	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Bounty	9	...	Amer.	H. L. Phillips	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Porto Bello [2]	9	9	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(16)	12
Anglo Indian	9	10	Brit.	Canadian Transp. Co.	Victoria, B. C.	St. John, N. B.	Lumber, gen.	9,355
Tropic Star [2]	9	10	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Gulfport, Miss.	Nit. of soda	8,281
Pennsylvanian	9	10	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	5,621
Canadian Reefer [2]	9	10	Dan.	J. Lauritzen	Valparaiso, Chile.	Hamburg, Ger.	Fresh fruit	1,300
Istmo	10	11	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	(17)	653
Camden [1]	10	10	Amer.	Shell Oil Co.	Los Angeles, Cal.	Fall River, Mass.	Gasoline	8,617
Dimitrios Inglessis.	10	10	Greek.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrate	7,500
Nuevo Panama [2]	10	11	Pan.	Elliot Ship. & Land Co.	Panama, R. P.	Cristobal, C. Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [5] Launch. [7] Submarine. [13] For orders. [14] Petrolastic asphalt. [15] Kerosene distillate. [16] Plantains, lumber. [17] Coffee, machinery.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies available for sale to ships at stock price cost plus 20 percent surcharge which covers local freight, handling, and other costs.

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Provisions Required by Ships

Commissary Division, Panama Railroad Company, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats (including native beef), ice, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices. A modern laundry service is also available.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery, or for delivery at the other terminal after transit.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repairs of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as ice, meats (including native beef), fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices. A modern laundry service is also available. Orders may be placed in advance by radio for prompt delivery on arrival at either terminal, or for delivery at the other terminal after transiting the Canal.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large, covered piers for the storage of cargo. These are modern structures: fireproof, rat proof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation

Density of Water in Balboa and Cristobal Harbors

Place.	Weight of sea water in ounces per cubic ft.			Rainy season. Average temperature. Degrees F.
	Average.	Maximum.	Minimum.	
Cristobal (between docks 8 and 9)	1018	1020	1013	84.0
Balboa (dock 18)	1011	1021	1005	83.0

(Note.—The above is based on two months' observations at Cristobal and Balboa. Average taken at 12-foot depth. Minimum occurred after heavy rain at 3-foot depth at Cristobal and 12-foot depth at Balboa. The weight of a cubic foot of fresh water at 85° F. is 995 ounces.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES

OILS, FORCE FEED AND MOTOR CYLINDER

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motor cycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventative and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steamshovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Trips Through the Canal

The following lines operating passenger vessels through the Canal carry local passengers from one terminal to the other: Dollar Line, Grace Line, Hamburg-American Line, Johnson Line, Navigazione Generale Italiana, North German Lloyd, Pacific Steam Navigation Co., Panama Mail Steamship Co. The Panama-Pacific Line carries such passengers from Balboa to Cristobal only. The Hamburg-American Line, North German Lloyd, Panama Mail Line, Dollar Line, Grace Line, and Johnson Line, charge $6 for the trip, the others $10 for first-class passage. The Panama-Pacific Line has also a rate of $6 for tourist class. The several services together afford about 4 transits of the Canal each way every week.

THE PANAMA CANAL RECORD

OFFICIAL PUBLICATION OF THE PANAMA CANAL

PUBLISHED MONTHLY

Subscription rates, domestic, $0.50 per year; foreign, $1.00; address The Panama Canal Record, Balboa Heights, Canal Zone, or, for United States and foreign distribution, The Panama Canal, Washington, D. C.

Entered as second-class matter February 6, 1918, at the Post Office at Cristobal, C. Z., under the Act of March 3, 1879.

Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Volume XXXI Balboa Heights, C. Z., May 15, 1938 No. 10

Traffic Through the Panama Canal in April 1938

The total vessels of all kinds transiting the Panama Canal during the month of April 1938, and for the same month in the two preceding years, are shown in the following tabulation:

	April 1936	April 1937	April 1938		
			Atantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	482	473	268	219	487
Small commercial vessels [1]	44	76	50	41	91
Noncommercial vessels:					
United States Government	33	38	13	15	28
Colombian Government	.....	1	.....	.....	.....
For repairs	2	1	2	1	3
Total	561	589	333	276	609

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the 12 months ended April 30, 1938, as compared with the previous 12 months:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8
May	488	544	2,504,215	2,839,127	2,419,652	2,950,925	$2,081,103.73	$2,376,706.36
June	481	472	2,449,127	2,450,018	2,459,752	2,670,466	2,073,359.39	2,070,337.89
July	456	457	2,364,539	2,395,306	2,450,324	2,476,366	1,999,105.18	2,029,642.45
August	473	505	2,398,306	2,597,119	2,396,331	2,780,603	2,051,540.28	2,195,308.87
September	466	444	2,428,317	2,312,725	2,526,366	2,385,142	2,045,440.82	1,935,673.78
October	482	461	2,499,678	2,359,406	2,463,069	2,438,788	2,081,758.23	1,981,087.87
November	368	435	1,768,738	2,280,565	1,747,368	2,185,283	1,488,054.25	1,893,462.00
December	341	439	1,655,501	2,238,271	1,538,503	2,046,170	1,366,388.58	1,845,048.20
January	399	444	1,915,787	2,219,496	1,855,937	2,095,402	1,598,323.51	1,837,894.72
February	377	436	1,940,611	2,154,222	1,839,788	1,998,827	1,602,306.30	1,786,611.45
March	536	506	2,770,451	2,311,526	3,016,418	2,268,548	2,355,149.04	2,015,585.34
April	473	487	2,460,549	2,258,836	2,652,880	2,279,235	2,067,026.68	1,961,456.58
Total	5,340	5,630	27,155,819	28,416,617	27,366,388	28,575,755	22,809,555.99	23,928,815.51

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons (Panama Canal measurement), which transited the Panama Canal during the month of April 1938. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	50	1,943	$1,733.24	963
Pacific to Atlantic	41	2,080	1,765.08	1,643
Total	91	4,023	3,498.32	2,606

Traffic by Nationality of Vessels[3] for April 1938

Nationality	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
British	116	614,695	$524,758.32	537,840
Chilean	1	5,014	4,512.60	1,426
Danish	24	85,347	76,494.42	97,075
French	11	61,791	54,351.18	59,164
German	30	113,818	101,319.66	111,130
Greek	9	35,677	30,446.28	46,378
Italian	5	28,282	25,453.80	15,209
Japanese	31	178,630	160,767.00	213,237
Latvian	1	2,707	2,436.30	4,900
Netherland	26	57,291	50,506.92	41,716
Norwegian	64	300,156	254,313.18	314,462
Panamanian	15	32,892	27,852.12	43,922
Swedish	9	39,290	33,719.58	36,804
United States	142	696,342	608,623.74	747,394
Venezuelan	2	3,468	2,809.08	2,018
Yugoslav	1	3,436	3,092.40	6,560
Total	487	2,258,836	1,961,456.58	2,279,235

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Trade Routes for April 1938

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	44	219,472	158,561	38	206,484	269,258
East coast United States and:						
Canada				5	17,514	21,358
Central America	1	2,087		1	2,087	950
South America	23	95,063	22,366	22	85,698	195,771
Hawaiian Islands	3	14,408	12,155	5	23,470	38,386
Australasia	6	29,930	35,967	1	5,197	7,255
Philippine Islands	9	49,291	59,084	25	137,606	167,723
Far East	36	177,281	281,134			
Canadian intercoastal	1	4,964	8,600	1	5,539	9,355
East coast Canada and:						
South America	2	6,223	406	4	18,808	35,895
Australasia	6	30,472	29,577	2	10,623	4,203
Far East	2	11,610	15,680			
East coast Central America and:						
United States				1	4,286	7,105
South America				1	4,069	
Far East	1	6,849	11,410			
Central American intercoastal	1	2,982				
East coast South America and:						
United States				1	4,551	6,623
Canada	2	8,485	7,185			
Balboa				1	1,734	
Philippine Islands	1	5,457	2,755			
Far East	3	15,736	21,131	1	5,399	6,663
South American intercoastal	1	5,220	10,900			
Cristobal and:						
Central America	4	3,166	2,540	5	4,386	3,348
South America	16	8,700	4,197	18	10,645	10,060
West Indies and:						
United States	4	20,654		3	15,470	30,964
Central America				1	1,581	
Balboa	2	7,280	14,242			
South America				1	7,411	13,929
Far East	1	5,068	9,987			
Europe and:						
United States	22	98,917	10,181	8	28,090	44,225
Canada	36	187,117	55,292	36	186,415	259,870
Central America	2	8,644	3,506	2	6,568	5,235
South America	25	127,715	44,820	24	129,714	189,070
Australasia	10	76,379	53,693	9	70,007	58,334
Far East				1	5,332	6,134

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
Egypt and South America	1	5,434	.....	.....	.....	.....
Asia and west coast United States	.....	.....	.....	1	2,675	2,094
Foreign vessels in ballast (United States intercoastal)	2	9,520	.....	.....	.....	.....
Around the world	1	7,399	3,388	1	5,954	6,670
Total	268	1,251,523	878,757	219	1,007,313	1,400,478

Origin and Destination of Cargo by Major Areas

The following table summarizes the origin of cargo passing through the Canal in April 1938, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North American:						
United States	165,861	19,056	353,526	21,018	35,967	595,428
Other North America	2,093	26,111	29,428	16,100	29,680	103,412
Europe	49,471	15,560	.....	34,730	52,992	152,753
Miscellaneous	8,850	316	6,331	11,069	598	27,164
Total	226,275	61,043	389,285	82,917	119,237	878,757

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	268,629	48,549	162,306	7,948	487,432
Canada	16,042	13,350	136,343	853	166,588
Other North America	39,336	3,646	6,258	.....	49,240
South America	193,801	63,247	187,640	66	444,754
Australasia	7,088	6,504	56,200	.....	69,792
Asia	174,290	2,176	6,024	182	182,672
Total	699,186	137,472	554,771	9,049	1,400,478

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during April 1938 or April 1937 are listed below:

Commodity	April		Commodity	April	
	1937	1938		1937	1938
Atlantic to Pacific			*Pacific to Atlantic*—Continued		
Automobiles and parts	21,019	22,297	Canned food products	115,877	52,273
Canned food products	12,082	9,742	Coffee	11,442	16,420
Cement	14,670	19,295	Cold storage (food products) [5]	30,673	31,528
Chemicals [4]	14,047	9,329	Copra	7,411	11,635
Coal and coke	9,474	12,851	Cotton, raw	14,090	5,419
Cotton, raw	7,274	26,958	Flour	21,862	15,860
Creosote	22	10,277	Fruit, dried	15,406	17,767
Iron and steel	232,753	127,643	Fruit, fresh [6]	15,804	39,593
Machinery	16,411	16,454	Lumber	207,814	222,853
Metals, various	24,822	67,006	Metals, various	69,775	69,392
Oils, mineral	84,665	88,804	Molasses and syrups	18,853	345
Paper	33,039	45,004	Nitrates	191,083	106,367
Phosphates	21,038	30,672	Oats	4,831	11,811
Scrap metal	221,050	121,123	Oils, mineral	280,764	224,768
Sugar	21,130	6,832	Oils, vegetable	16,607	15,289
Sulphur	24,635	26,058	Ores	194,172	139,433
Textiles	11,529	7,707	Paper	11,377	6,193
Tinplate	27,652	24,462	Rice	10,715	2,622
			Sugar	121,587	151,687
Pacific to Atlantic			Wheat	73,146	77,072
Asphalt and tar	154	20,807	Wood pulp	12,523	19,057
Barley	29,905	19,750	Wool	15,922	15,894
Beans, edible, dry	12,032	12,518			

[4] Except as otherwise classified. [5] Except fresh fruit. [6] Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of April 1938, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo"; the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	136	15	232
Agricultural implements	325	100	3,774	300
Alfalfa meal	.....	588	.....	1,071
Ammonium compounds	530	.....	1,828	.....
Animal foods [7]	50	71	50	327
Apparel, wearing (hats, shoes, clothing, etc.)	65	.....	65	17
Asbestos	393	.....	6,070	164
Asphalt and tar	110	20,612	1,800	20,807
Automobiles (and autotrucks)	1,477	273	13,047	334
Automobile parts and accessories	476	142	9,250	178
Bags and bagging, textile	95	49	328	269
Bamboo and products	.....	.....	.....	345
Bananas	.....	.....	.....	3,830
Barks, miscellaneous	10	48	10	365
Barley	.....	224	.....	19,750
Beans, edible, dry	48	2,461	48	12,518
Beer	83	.....	148	.....
Beverages, nonalcoholic	104	.....	140	9
Blood and tankage	.....	.....	.....	85
Bones and bone meal	.....	42	97	42
Books and printed matter	39	.....	50	.....
Borax	200	72	624	7,981
Bran and pollards	.....	.....	25	2,808
Bricks and tile	44	.....	856	104
Camphor, crude	.....	.....	.....	22
Canned and preserved goods:				
Fish	253	9,131	728	14,261
Fruit	899	13,650	949	24,542
Meat	40	758	1,335	965
Milk	.....	381	687	1,140
Soup	2,597	150	2,717	305
Vegetables	877	4,160	953	4,270
Miscellaneous and unclassified	1,916	4,522	2,373	6,790
Carbon black	8	.....	1,030	.....
Celite	.....	762	.....	762
Cement	501	.....	19,295	.....
Chalk	.....	.....	1,459	.....
Charcoal	35	29	198	29
Chemicals [7]	3,844	1,457	9,329	1,801
Clay, china and fire	743	337	972	361
Clay, filtering	70	.....	70	.....
Coal	1,621	.....	5,505	.....
Cocoa and cacao beans	422	.....	805	3,130
Coconuts and products [7]	45	480	55	3,299
Coffee	209	120	6,408	16,420
Coke	.....	.....	7,346	.....
Cold storage and refrigerated products:				
Dairy products	55	.....	343	14,009
Eggs	.....	195	.....	195
Fish	254	320	258	959
Lard	371	227	399	363
Meats	.....	262	250	14,150
Poultry	.....	320	.....	401
Vegetables	12	495	21	1,202
Other and unclassified	47	.....	53	249
Confectionery	1,334	.....	1,349	.....
Copra	.....	.....	.....	11,635
Corn	.....	.....	.....	315
Cotton, raw	13	1,139	26,958	5,419
Creosote	6	.....	10,277	.....
Drugs and medicines	2,202	178	2,343	314
Dyes	15	.....	30	.....
Earthenware	22	.....	161	55
Electrical apparatus and appliances	1,706	160	2,475	210
Enamelware and metalware	133	.....	141	112
Explosives	142	.....	595	15
Extract, quebracho	.....	.....	907	.....
Fertilizers [7]	560	73	3,307	123

[7] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Fish meal				1,552
Floor coverings	2,087	865	2,202	1,043
Flour	278	12,468	735	15,860
Fruit, dried	24	6,843	50	17,767
Fruit, fresh [7]		19		39,593
Furniture and household goods	233	41	239	119
Gallnuts				25
General	17,357	3,932	53,127	13,986
Glass and glassware	2,392	208	5,619	485
Glue	45	51	45	59
Grains [7]			60	
Groceries	2,276	531	3,450	702
Gums			17	551
Hair, all kinds	44	55	46	105
Hay		229		239
Hemp, unmanufactured		11	15	616
Honey		222		376
Hops			1	3
Horns and hoofs				4
Infusorial earth		352		899
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	49,967	524	127,643	610
Ivory nuts			117	1,361
Lard substitute	290		292	
Lime	20		220	
Liquors	2,989	134	4,358	157
Lumber (including manufactured mill products)	1,079	91,174	2,926	222,853
Machinery	2,261	694	16,454	828
Malt			1,016	72
Manufactured goods [7]	6,157	527	14,394	1,923
Marble and granite	139		343	
Matches	115	38	246	50
Metals:				
Antimony			56	
Copper	211	4,148	3,798	43,784
Gold and silver				31
Iron	1,933		56,418	33
Lead	49	4,036	818	15,595
Tin		93	1,400	2,016
Zinc	77		2,070	7,389
Other and unclassified	325		2,446	544
Milk, powdered		270	4	728
Molasses and syrups	391		585	345
Nitrate			5,633	106,367
Nuts, edible (including meats)		246	132	352
Oats	59	141	84	11,811
Oils, mineral:				
Crude		3	25,608	66,860
Gas and fuel			23,209	21,442
Gasoline, benzine, and naphtha	45	47,211	4,347	117,092
Kerosene			10,055	19,040
Lubricating and greases	14,170	314	25,585	334
Oils, vegetable:				
Coconut			56	7,948
Cottonseed		11	1,201	11
Linseed	286		427	
Olive	25		659	
Peanut				305
Rapeseed			20	25
Teaseed				125
Wood	24	748	24	2,007
Other and unclassified	220	11	380	4,868
Oil, fish		446	48	1,168
Oil, whale	1,801		1,801	49
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)		50	2,028	2,409
Oilseed cake and meal	50		50	3,344
Ores:				
Antimony				631
Chrome	109		109	4,950
Copper			2,469	282
Gold and silver				1,120
Iron			3,544	100,154
Lead			2	3,218
Magnesite		305		4,913
Manganese		39	762	12,483
Tin		33	30	4,979
Zinc	23		23	5,772
Other and unclassified			41	931
Paints and varnishes	962	180	2,402	504
Paper and paper products [7]	8,941	5,134	45,004	6,193

[7] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Peanuts	1,476	.....	1,476	4
Peas, dry	.....	.....	3	309
Peatmoss	.....	.....	962	.....
Phosphates	361	.....	30,672	25
Plaster	.....	.....	132	.....
Porcelainware	188	85	987	2,398
Potash	.....	.....	5,284	718
Pyrethrum flowers	.....	.....	.....	16
Rags and waste	110	136	299	361
Railroad material	19	.....	2,505	108
Rice	641	122	2,784	2,622
Rope and twine	1,028	13	2,221	349
Rosin	683	25	3,759	25
Rubber:				
Manufactured	560	281	899	412
Raw	12	.....	41	2,871
Scrap	.....	.....	25	99
Salt	136	150	1,667	150
Sand	41	.....	1,670	25
Scrap metal	451	312	121,123	1,154
Seeds (except oilseeds)	.....	171	92	789
Shells, oyster	354	50	354	357
Silk, raw	.....	116	57	1,792
Skins and hides	147	1,703	1,534	4,104
Slag	.....	.....	2,546	26
Slate	1,342	.....	1,342	.....
Soaps and products	1,892	75	2,044	160
Soda and sodium compounds:				
Soda ash	86	.....	739	245
Soda, caustic	160	.....	301	.....
Miscellaneous and unclassified	710	.....	926	3,259
Soy beans	114	.....	114	.....
Sugar	2,927	1,159	6,832	151,687
Sulphur	4,896	.....	26,058	.....
Talc	.....	30	.....	198
Tallow	41	153	90	1,586
Tea	36	58	73	480
Textiles [8]	2,530	27	7,707	1,628
Tinplate	1,048	.....	24,462	12
Tobacco and manufactures	117	51	6,398	713
Toilet preparations	220	.....	326	.....
Turpentine	137	.....	613	.....
Vegetables, dry [7]	21	240	84	3,232
Wall board	230	486	715	1,524
Wax, paraffin	487	.....	1,399	27
Wheat	.....	1,020	31	77,072
Wines	62	750	792	1,641
Wood pulp	142	13,396	8,376	19,057
Wool	1	1,559	994	15,894
Total, April 1938	165,861	268,629	878,757	1,400,478
Total, April 1937	325,775	385,549	1,001,081	1,651,799
Total, April 1936	259,955	450,825	701,703	1,728,431

[7] Except as otherwise classified [8] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows, according to trade route, the tanker traffic through the Canal during the month of April 1938:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	8	45,474	9,126	6	35,197	*67,825
East coast United States and:						
South America	1	5,344	.....	.....	.....	.....
Far East	1	7,156	14,124	.....	.....	.....
East coast Canada and South America	1	4,359	.....	4	18,808	35,895
East coast Central America and:						
South America	.....	.....	.....	1	4,069	.....
Far East	1	6,849	11,410	.....	.....	.....

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
South American intercoastal	1	5,220	10,900	.....	.....	.....
East coast South America and Balboa	.....	.....	.....	1	1,734	.....
West Indies and:						
United States	4	20,654	.....	3	15,470	30,964
South America	.....	.....	.....	1	7,411	13,929
Balboa	2	7,280	14,242	.....	.....	.....
Far East	1	5,068	9,987	.....	.....	.....
Europe and:						
United States	6	35,805	10,181	3	15,694	31,648
South America	5	33,126	.....	5	31,596	64,545
Total	31	176,335	79,970	24	129,979	244,806

* Includes 20,612 tons asphalt.

Comparison of Canal Traffic in April 1938, with April Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of April			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(*000 omitted*)	(*000 omitted*)			(*000 omitted*)	(*000 omitted*)
1915	[9] 116	404	521	1915	[10] 100	361	466
1916	69	233	366	1916	60	199	258
1917	146	524	628	1917	145	483	588
1918	168	542	627	1918	165	547	627
1919	158	481	507	1919	162	510	576
1920	207	821	867	1920	199	712	781
1921	222	955	908	1921	232	950	966
1922	225	974	1,046	1922	222	951	907
1923	399	2,007	2,187	1923	325	1,550	1,631
1924	395	2,052	2,159	1924	429	2,179	2,249
1925	372	1,840	1,951	1925	382	1,904	1,996
1926	417	2,047	2,237	1926	424	2,064	2,169
1927	449	2,223	2,429	1927	441	2,184	2,311
1928	510	2,382	2,473	1928	521	2,453	2,468
1929	532	2,487	2,718	1929	524	2,485	2,554
1930	479	2,478	2,456	1930	502	2,497	2,502
1931	437	2,291	2,009	1931	447	2,314	2,089
1932	347	1,862	1,442	1932	364	1,968	1,650
1933	337	1,838	1,526	1933	347	1,900	1,513
1934	469	2,493	2,291	1934	436	2,379	2,059
1935	432	2,259	2,079	1935	432	2,317	2,109
1936	482	2,484	2,430	1936	449	2,335	2,209
1937	473	2,461	2,653	1937	467	2,404	2,507
1938	487	2,259	2,279	([11])	461	2,313	2,295

[9] Canal opened August 15, 1914. [10] Average for 10½ months. [11] Average for 10 months fiscal year 1938.

Terminal Activities

Ships which completed repairs during the month of April 1938, numbered 60. Vessels released from drydock numbered 14. Fuel and Diesel oil amounting to 238,749 barrels was delivered as bunkers to 120 commercial ships. Bunker coal amounting to 10,986 tons was delivered to 29 commercial ships. Sales of commissary supplies to ships aggregated $47,153.

Cargo Handled at Terminal Ports, April 1938

	Cristobal	Balboa	Total
Local cargo arriving ... tons	21,459	7,647	29,106
Local cargo shipped ... tons	2,389	505	2,894
Cargo received for transshipment ... tons	46,565	197	46,762
Cargo transshipped ... tons	50,229	207	50,436
"Canal Zone for Orders" cargo:			
Number of receipts issued	9	4	13
Number of releases issued	61	17	78
Tons received	45	8	53
Tons withdrawn	55	9	64

All Vessels Entering and Clearing Port, April 1938

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal..	557	3,265,370	1,951,332	520	2,957,908	1,791,770
Vessels entering port but not transiting Canal.	61	369,289	203,773	6	29,719	18,261
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	138	791,228	469,526	108	679,408	403,088
Ships clearing						
All vessels, including those transiting Canal .	550	3,246,723	1,947,916	522	2,966,543	1,798,020
Vessels clearing port but not transiting Canal.	57	339,026	189,253	8	30,379	18,745
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	134	794,571	475,756	110	692,663	409,810

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight April 10, 1938, to midnight May 10, 1938. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Bogota, 29, 278
Santa Inez, 45, 2 pkgs.
Cefalu, 211, 656
Rialto, 435, 84
San Marcos, 28, 0
Hermonthis, 88, 255
Colombie, 128, 1
Ruth Lykes, 823, 346
Santa Rosa, 152, 4
Havelland, 3, 339
Orazio, 155, 77
Salvador, 949, 493
Canada, 7, 35
Cordillera, 24, 1,449
Itauri, ¼, 421
Ancon, 3,419, 660
Tokai Maru, 280, 0
Santa Lucia, 340, 119
Wyoming, 240, 230
Colombie, 0, 512
Trois Ilets, 290, 67
Quirigua, 112, 818
Montilla, 4,721, 0
Sagua, 250, 144
Sixaola, 1,065, 263
Frida, 0, 83
Karnak, 34, 303
Ino, 292, 244
Nero, 299, 10
Manizales, 987, 542
Chiriqui, 133, 153
Elbe, 196, 454
Alkmaar, 44, 215
Colombia, 200 lbs., 643
Lima, 261, 147
Alabama, 6, 1,215
Istmo, 783, 275
Pereira, 563, 826
Barneveld, 0, 55
Harboe Jensen, 0, 390
Patricia, 74, 681
Lochmonar, 76, 368
Santos, 402 lbs., 180
Santa Clara, 316, 124
Nuevo Panama, 0, 52
California, 360, 0
Santa Paula, 135, 0
Dramatist, 138, 0
Contessa, 310, 733
Maine, 144, 0
San Lucas, 0, 5 cases
Kinka Maru, 276, 0
Siljestad, 7, 0
Dresden, 156, 218
Sagua, 158, 0
San Vincente, 909, 3 pkgs.
Ojeda, 316, 0
Guayaquil, 2,068, 419
Clio, 525, 122
Antigua, 103, 939
Yamaura Maru, 164, 0
Ulua, 822, 399
Tampa, 76, 0
Seattle, 195, 259
Nero, 130, 114
Darien, 588, 232
Kiyokawa Maru, 484, 0
Durazzo, 1,214, 157
Jamaica, 315, 167
Oregon, 224, 28
Malayan Prince, 1, 37
Bachaquero, 7,007, 0
Eridan, 0, 39
Este, 202, 103
Chisone, 330, 0
Tai Shan, 212, 0
Abraham Lincoln, 30, 0
Trois Ilets, 204, 27
Reina del Pacifico, 48, 618
Oropesa, 80, 31
San Mateo, 102, 104
Annie Johnson, 179, 6
Santa Barbara, 377, 101
Taketoyo Maru, 21¼, 0
Real, 0, 47
Peter Kerr, 177, 1
Pasajero, 0, 1
Venezuela, 106, 10
Drechdijk, 197, 20
Cefalu, 189, 822
Almeria Lykes, 1,196, 172
Acajutla, 526, 1,104
Santa Elena, 121, 0
Arminda, 149, 57
Cristobal, 2,046, 856
Friesland, 86, 0
Santa Inez, 250, 132
Istmo, 776, 96
Ino, 462, 24
Phrygia, 34, 1,690
Baarn, 157, 1,301
Talamanca, 67, 650¼
Santa Marta, 716, 137
Oklahoman, 290, 452
Canadian Constructor, 598, 26
Iriona, 494, 148
Komaki Maru, 273, 0
Nuevo Panama, 243,70
Fulda, 193, 613
Cerigo, 1,278, 0
Veragua, 738, 901½
Erria, 30, 341
Aconcagua, 0, 20
Nero, 477, 106
Venezuela, 4, 1,375
Bretagne, 181, 733
Daytonian, 175, 31
Mayan, 616¼, 84
Laguna, 0, 39
West Ivis, 63, 560
San Gabriel, 220, ½
Durazzo, 8, 281
San Anselmo, 32, 0
Santa Rita, 269, 0
Caribia, 87, 46
Aachen, 0, 2,082
Lysefjord, 0, 404
Santa Rosa, 123, 41
Sona, 0, 44
Frank, 0, 65
Contessa, 448, 696
Nuernberg, 211, 234
Trois Ilets, 204, 16
San Antonio, 555, 84
Peter Maersk, 592, 0
Smaragd, 0, 551
Delftdijk, 428, 180
Canada, 299, 98
Nozima Maru, 215, 0
Santa Clara, 295, 1
Rhakotis, 159, 270
Slemmestad, 4, 0
Bogota, 1,400, 397
Istmo, 801, 483
Buenaventura, 1,993, 806
Anhalt, 2,240, 0
Quirigua, 136, 1,068
Turrialba, 469, 447
Toloa, 830, 74
Tacoma, 122, 239
Ulm, 0, 1
Cellina, 362, 110
Clio, 596, 165
Costa Rica, 73, 9
Benj. Franklin, 178 640
Margaret Johnson, 54, 171
Chiriqui, 296, 224
Nero, 467½, 42
Saarland, 106, 457
Pasajero, 22, 0
Kinai Maru, 302, 64
Santa Paula, 42, 1
Osnabruck, 43, 211
Cerigo, 0, 145
Salvador, 935¼, 0
Orazio, 1, 9
Meton, 5,405, 0
Santa Lucia, 253, 10
Antiochia, 118¾, 23
Caribia, 27, 692½
Muenchen, 63, 292
Breda, 76, 43
Real, 0, 5
Cefalu, 131, 976

BALBOA

Horn Shell, 12,224, 0
St Mihiel, 61, 88
Salvador, 1, 0
Santa Lucia, 128, 0
Cuba Maru, 139, 0
Sofia Bakke, 2,301, 4
Alkmaar, 51, 69
California, 274, 0
San Lucas, 1,386, 0
Lochmonar, 0, 82
Santa Clara, 9, 2
Dresden, 251, 13
Azumasan Maru, 73, 0
Chateau Thierry, 105, 35
Sagua, 1, 0
Tampa, 96, 0
Ojeda, 2,021, 0
Tai Shan, 128, 0
Vega, 2, 0
Este, 115, 95
AbrahamLincoln,468,0
Pereira, 0, 59
Santa Barbara, 33, 1
Heiyo Maru, 3, 0
Tamui, 74, 0
Acajutla, 3, 0
Drechtdijk, 0, 61
Optomist, 415, 0
President Polk, 9, 13
Oklahoman, 81, 2
Ludington, 349, 19
Cellina, 442, 24
St. Mihiel, 921, 0
Chaumont, 1, 0
Santa Clara, 178, 3
Tacoma, 24, 0
Horn Shell, 11,899, 0
Norway Maru, 59, 0
Santa Lucia, 16, 0
Santa Inez, 124, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean-ship passengers disembarking at Canal ports during April 1938 numbered 1,824 at Cristobal and 512 at Balboa; embarking, 2,426 at Cristobal and 879 at Balboa. Passengers passing through the Canal numbered 3,062 from the Atlantic to the Pacific, and 4,250 from the Pacific to the Atlantic. Aircraft numbering 43 entered Cristobal and 217 disembarked; clearances were 45, with 201 embarking. At Balboa, entries of aircraft numbered 54, with 106 passengers disembarking; clearances were 54, with 124 embarking.

Movements of Ocean Vessels Through the Panama Canal

From midnight April 10, 1938, to midnight May 10, 1938

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
San Diego	9	11	Fr.	French Line	Dunkerque, Fr.	Vancouver, B. C.	General	2,741
President Herrenschmidt [1] [2]	10	11	Nor.	Pechelbronn	Donges, France	Talara, Peru	Ballast	.....
Fordsdale	10	11	Brit.	Shaw, Savill & Albion	Glasgow, Scot.	Auckland, N. Z.	General	5,973
Ensley City	10	11	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Hilo, T. H.	General	6,477
Beldagny	11	11	Nor.	Chile Nit. Sales Corp.	Calais, France	Chile	Ballast	.....
Horn Shell [1] [2]	11	...	Brit.	Anglo-Saxon Pet. Co.	Curacao, N. W. I.	Balboa, C. Z.	Fuel oil	12,224
Chilore	11	11	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Nuevo Panama [2]	10	11	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Aguadulce, R. P.	General	200
Istmo	10	11	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	525
Cerigo	10	12	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	579
Hoxbar [1]	12	12	Amer.	CitiesSer.AsphaltProd	New York, N. Y.	Pt. Petrol, Calif.	Ballast	.....
Silverash [2]	12	12	Brit.	Silver Line, Ltd.	New York, N. Y.	S. Francisco, Cal.	Ballast	.....
Mayan	5	12	Amer.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	709
Athelqueen [1] [2]	12	12	Brit.	United Molasses Co.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Karmt [2]	12	14	Nor.	Chile Nit. Sales Corp.	Wilmington, N.C.	Tocopilla, Chile	Ballast	.....
Pirate [3]	12	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]	.....	20
Tuira [2]	11	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real [2]	11	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	12	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]	.....	25
Gannet [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Porto Bello [3]	12	12	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Orazio [2]	12	13	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile.	General	814
Hylton [2]	12	13	Brit.	Aust. Dispatch Line	Birkenhead, Eng.	S. Francisco, Cal.	Ballast	.....
Chilean Reefer [2]	12	13	Dan.	J. Lauritzen	St. John, N. B.	Talcahuano, Chile	([15])	406
Forthbank	12	13	Brit.	Bank Line, Ltd.	Liverpool, Eng.	Los Angeles, Cal.	Ballast	.....
New Orleans [2]	13	13	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Adelaide, Aust'lia	General	6,306
Nevadan	12	13	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,383
Eskdalegate	13	13	Brit.	Chile Nit. Sales Corp.	Marseilles, Fr.	Chile	Ballast	.....
Canada [2]	13	13	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	General	169
Havelland [2]	12	13	Ger.	Hamburg-Amer. Line.	Mobile, Ala.	Yokohama, Japan	General	8,784
Ferncliff [2]	12	13	Nor.	Chile Nit. Sales Corp.	Mobile, Ala.	Tocopilla, Chile	Ballast	.....
Pearlstone	13	13	Brit.	Nav. & Coal Trade Co.	Rotterdam, Neth.	Long Beach, Cal.	Ballast	.....
Steelmaker	13	13	Amer.	Isthmian S. S. Lines	Baltimore Md.	Seattle, Wash.	Steel, gen.	3,930
Point Brava	13	13	Amer.	Swayne & Hoyt	Tampa, Fla.	Seattle, Wash.	General	6,007
Nordhval [2]	13	13	Dan.	W. I. Trading Co.	Pt. Arthur, Tex.	Yawata, Japan	Scrap iron	7,627
Myoko Maru [2]	13	13	Jap.	Mitsui Line	New Orleans, La.	Yokohama, Japan	Rosin, cotton	7,698
Elg [2]	13	14	Nor.	Anglo-Can. S. S. Co.	Antwerp, Belgium	Vancouver, B. C.	General	1,239
Kongo Maru [2]	14	14	Jap.	Kokusai Kisen Kaisha	Philadelphia, Pa.	Kobe, Japan	Wood pulp	8,000
Santa Lucia	14	15	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	3,097
Steelore	14	15	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Sage Brush	15	15	Amer.	Shepard S. S. Co.	Albany, N. Y.	Seattle, Wash.	General	5,025
Koryu Maru [2]	15	15	Jap.	United Ocean Transp.	Mobile, Ala.	Yokohama, Japan	Pig iron	7,300
Lossiebank [2]	15	15	Brit.	Bank Line, Ltd.	Boston, Mass.	Shanghai, China.	General	5,746
Dolores [5]	14	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Phantom [5]	...	...	Amer.	E. G. Willett	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Devon City [2]	15	16	Brit.	Mitsubishi Shoji K.	Tampa, Fla.	Yokohama, Japan	Phosphate	8,815
Bradglen	16	16	Brit.	Mitsubishi Shoji K.	Baltimore, Md.	Dairen, China	Steel	7,797
Lebec [1]	16	16	Amer.	General Pet. Corp.	Aruba, N. W. I.	Hongkong, China	Diesel oil	9,987
Bretagne [13]	15	16	Neth.	L. Smit	Rotterdam, Neth.	B'ventura, Col.	Ballast	.....
Ganges [4]	15	16	Neth.	L. Smit	Rotterdam, Neth.	B'ventura, Col.	Ballast	.....
Amerikaland [2]	16	16	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Steel Navigator	16	16	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Manila, P. I.	([16])	8,520
Frida	15	16	Dan.	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	1,874
Manizales	15	...	Ger.	North German Lloyd.	Cristobal, C. Z.	Balboa, C. Z.	Drydocking	.....
Sofie Bakke [2]	16	16	Nor.	Knut Knutsen O.A.S.	Malmo, Sweden	Puntarenas, C. R.	Cement, gen.	3,506
Sheaf Crown [2]	16	17	Brit.	Mitsui & Co.	Philadelphia, Pa.	Moji, Japan	General	8,100
Karnak	15	16	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	4,296
Ino [2]	15	16	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	.....
Bogota [2]	10	16	Ger.	North German Lloyd.	Bremen, Ger.	Guayaquil, Ecua.	([17])	1,072
Tennessean	16	17	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seatte, Wash.	General	4,140
Winslow [5]	15	..	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Arizonan	16	17	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,995
Horace Luckenbach.	16	17	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,430
Seven Seas [6]	3-11	...	Amer.	Wm. T. Murnam	Miami, Fla.	South Seas	Ballast	.....
Nero [2]	15	17	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	42
Everleigh	17	17	Brit.	Atl. Ship. & Trad. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Baldhill [1]	17	17	Amer.	Shell Terminal Corp.	Curacao, N.W.I.	Los Angeles, Cal.	Ballast	.....
Wildwood	17	17	Amer.	McCormick S. S. Co.	Chester, Pa.	Seattle, Wash.	General	3,555
Alkmaar	16	18	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,116
Huguenot [1]	17	17	Amer.	Richfield Oil Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Shakespear	17	17	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [10] Mine sweeper. [13] Dredge. [14] For bananas and return to Cristobal. [15] Newspaper rolls. [16] General, ammonia, etc. [17] General, cement, beer, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Captain C. M. Condon. [11]	..	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Balboa, C. Z....	([15])	.....
Elin K. [2].....	17	18	Nor...	Chile Nit. Sales Corp.	Charleston, S. C.	Chile.....	Ballast.....	.....
Rotorua.....	18	18	Brit...	N. Z. Shipping Co....	London, England	Wellington, N. Z.	Gen., iron..	5,224
Vibran [2].....	18	18	Nor...	Knutsen Line.....	Glasgow, Scot...	Los Angeles, Cal.	Ballast.....	.....
Hokkai Maru [2]..	18	18	Jap...	Osaka Shosen Kaisha.	New York, N. Y.	Kobe, Japan....	Gen., auto..	7,384
Baxtergate.....	17	18	Brit...	Turnbull Scott & Co.	Cardiff, Wales...	Seattle, Wash...	Ballast.....	.....
Alabama.....	17	18	Fr....	French Line.....	Havre, France...	Valparaiso, Chile.	General.....	2,455
Fortuna [3].....	18	...	Pan...	Standard Fruit Co...	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Mount Helmos...	18	18	Greek.	Rethymnis & Kuluk'is	New York, N. Y.	Yokohama, Japan	Scrap iron...	8,000
Norbryn [2].....	18	18	Nor...	Seaboard Ship. Co...	Rotterdam, Neth.	Los Angeles, Cal.	Ballast.....	.....
Lancaster Castle.	18	19	Brit...	Chile Nit. Sales Corp.	Alexandria, Egypt	Iquique, Chile...	Ballast.....	.....
F. J. Luckenbach.	18	19	Amer..	Luckenbach Line....	New Orleans, La.	Seattle, Wash...	Sugar, gen..	8,522
Trois Ilets.....	14	19	Fr....	French Line.....	Cristobal, C. Z..	B'ventura, Col...	General.....	52
Tatsuno Maru...	18	19	Jap...	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan....	Cotton, gen.	8,645
Salvador.....	12	19	Brit...	Pacific Steam Nav.Co.	Cristobal, C. Z..	Champ'ico, Guat.	General.....	493
Salacia [2].....	19	19	Brit...	Donaldson Brothers..	Glasgow, Scot...	Vancouver, B. C.	General.....	1,177
Lochmonar [2]....	18	20	Brit...	Royal Mail Lines....	Rotterdam, Neth.	Vancouver, B. C.	General.....	4,819
Santos [2].....	19	19	Swed..	Johnson Line.....	Goth'burg, Swed.	Valparaiso, Chile.	([16])	5,467
Kahuku.....	19	19	Amer..	Matson Nav. Co.....	Baltimore, Md...	Honolulu, T. H..	Steel, gen...	2,998
Porto Bello [3].....	19	19	Pan...	A. Tagaropulos.....	Cristobal, C. Z..	Real, R. P.....	General.....	3
Baldbutte [1].....	20	20	Amer..	Shell Oil Co.....	Baltimore, Md...	Los Angeles, Cal.	Ballast.....	.....
Antiochia.....	20	20	Ger...	Hamburg-Amer. Line.	Pt. Limon, C. R.	Champ'ico, Guat.	Ballast.....	.....
Eidsvold [2].....	20	20	Nor...	Kawasaki K. Kaisha.	Santos, Brazil...	Yokohama, Japan	General.....	6,802
Ann Stathatos....	20	20	Greek.	CommercialMetalsCo.	Pensacola, Fla...	Yokohama, Japan	Scrap steel..	7,837
Maine.....	19	20	Amer..	Calif. Eastern Line...	Norfolk, Va.....	Seattle, Wash...	General.....	5,285
Nuevo Panama [2].	19	20	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General.....	190
La Union [2].....	19	...	Pan...	A. Valdes.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Real [2].....	19	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
San Vincente.....	20	21	Amer..	Quaker Line.....	New York, N. Y.	Seattle, Wash...	General.....	4,753
Dresen [2].....	20	21	Ger...	North German Lloyd.	Hamburg, Ger...	Corral, Chile....	General.....	3,871
Port Jackson [2]...	21	21	Brit...	Port Line, Ltd.....	London, England	Lyttleton, N. Z..	General.....	5,221
Taranger [2].....	21	21	Nor...	Interoccan S. S. Co..	Rotterdam, Neth.	Vancouver, B. C.	Ballast.....	.....
Anna Maersk [2]..	21	21	Dan...	A. P. Moller.....	Boston, Mass....	Manila, P. I.....	General.....	6,704
Sagua.....	20	21	Amer..	United Fruit Co.....	Boston, Mass....	Pto. Arm'les, R. P.	Ballast.....	.....
Gargoyle [1].....	21	21	Amer..	Socony-Vac. Oil Co..	Boston, Mass....	Los Angeles, Cal.	Ballast.....	.....
Chateau Thierry [8]	21	22	Amer..	U. S. Army.....	New York, N. Y.	Honolulu, T. H..	General.....	1,500
Monkleigh.....	21	21	Brit...	Seaboard Ship. Co...	Barry, England..	Vancouver, B. C.	Ballast.....	.....
Pirate [3].....	21	...	Pan...	E. J. Hooper.....	Cristobal, C. Z..	Gatun, C. Z. [14]..	.....	20
Frank [3].....	21	...	Pan...	Standard Fruit Co...	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Sambu [2].....	21	...	Pan...	E. J. Hooper.....	Cristobal, C. Z..	Gatun, C. Z. [14]..	.....	25
Nathan [2].....	21	...	Pan...	E. J. Hooper.....	Cristobal, C. Z..	Gatun, C. Z. [14]..	.....	20
J-55 [5].....	..	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
Ojeda [1].....	21	...	Venez.	Shell Oil Co.....	Curacao N.W.I.	Balboa, C. Z....	([17])	2,018
Acacia [13].....	16	...	Amer..	U. S. Government...	San Juan, P. R .	Balboa, C. Z....	Ballast.....	.....
Tornus [1] [2].....	21	22	Brit...	Anglo-Saxon Pet. Co.	Curacao, N.W.I.	Los Angeles, Cal.	Ballast.....	.....
Anglo Canadian [2].	21	22	Brit...	Lawther, Latta & Co.	Halifax, N. S....	Sydney, Australia	Newsprint..	5,468
Santore.....	21	22	Amer..	Ore S. S. Corp.....	Baltimore, Md...	Cruz Gr'de, Chile	Ballast.....	.....
Pukkastan.....	22	22	Brit...	Anglo-Can. S. S. Co..	Newcastle, Eng..	Vancouver, B. C.	Ballast.....	.....
City of Mobile...	22	22	Brit...	Ellerman & Bucknall.	New York, N. Y.	Sydney, Australia	General.....	3,186
Edwin Christenson.	22	22	Amer..	Sudden & Christenson	Baltimore, Md...	Seattle, Wash...	General.....	1,770
Asuka Maru [2]....	22	22	Jap...	Nippon Yusen Kaisha	Will'stad, N.W.I.	Kobe, Japan....	([18])	9,460
Rio de Janeiro Maru. [2]	22	22	Jap...	Osaka Shosen Kaisha	Buenos Aires, Arg.	Kobe, Japan....	([19])	4,869
Samuel Bakke [2]..	22	22	Nor...	Knut Knutsen Line..	Cardiff, Wales...	Vancouver, B. C.	Ballast.....	.....
Robert Luckenbach.	22	22	Amer..	Luckenbach Line....	Boston, Mass....	Tacoma, Wash..	General.....	4,079
Adventure [5].....	21	...	Pan...	R. O. Shuey.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Hollywood.....	22	23	Amer..	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash...	General.....	2,133
Olaf Berg.....	22	23	Nor...	Polarus S. S. Co.....	New York, N. Y.	Osaka, Japan....	Scrap iron...	8,100
D. G. Scofield [1]..	22	23	Amer..	Standard Oil of Calif.	Baltimore, Md...	S. Francisco, Cal.	Ballast.....	.....
Seattle [2].....	22	23	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	Vancouver, B. C.	General.....	3,330
Istmo.....	17	23	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General.....	600
Nero [2].....	22	23	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Tumaco, Col....	General.....	148
Clio [2].....	21	23	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	111
Australind.....	23	24	Brit...	Australind S. S. Co...	Philadelphia, Pa.	Adelaide, Aust...	General.....	4,854
Manizales.....	22	23	Ger...	North German Lloyd.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	492
Missourian [2].....	23	23	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Seattle, Wash...	General.....	4,414
Southern Cross [6]..	20	...	Amer..	K. M. Schmidt.....	Baltimore, Md...	Round the world.	Ballast.....	.....
Winslow [5].....	22	..	Amer..	U. S. Army.....	Cristobal, C. Z..	Gamboa, C. Z....	Ballast.....	.....
Eridan [2].....	23	24	Fr....	Messageries Marit'es.	Marseille, France	Noumea, N.Caled	Gen., iron...	1,729
Bachaquero [1]....	23	...	Brit...	Standard Oil of N. J..	Aruba, N. W. I..	Balboa, C. Z....	Drydocking..	.....
Este.....	23	25	Ger...	North German Lloyd.	Hamburg, Ger...	Portland, Oreg...	General.....	3,537
Portmar.....	23	24	Amer..	Calmar Line.....	Baltimore, Md...	Seattle, Wash...	Steel, gen...	5,961
Anniston City....	23	24	Amer.	Isthmian S. S. Lines..	Baltimore, Md...	Seattle, Wash...	Steel, gen...	4,645

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [8] Transport. [11] Mine planter. [13] Lighthouse tender. [14] For bananas and return to Cristobal. [15] Towing barge No. 45. [16] Sugar, iron, general, etc. [17] Gasoline, lubricating oil. [18] Tinplate, potash, etc. [19] Bone, coffee, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Hird [2]	23	24	Nor...	Mitsui & Co.	Mobile, Ala.	Kobe, Japan	[14]	8,500
Texas Sun [1] [2]	24	24	Amer..	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	.....
Abraham Lincoln[2]	24	25	Nor...	Fred Olsen Line	Oslo, Norway	Vancouver, B. C.	General	3,654
Koyei Maru [2]	24	24	Jap...	United Ocean Trsp. Co.	Tampa, Fla.	Yokohama, Japan	Phosphate	7,402
Chisone [2]	23	24	Ital...	Italian Line	Trieste, Italy	Vancouver, B. C.	General	1,022
Carmen [13]	...	...	Pan...	J. S. Diez	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Hegira	24	25	Amer..	Pac. Coast Dir. Line	New York, N. Y.	Seattle, Wash.	Steel, gen.	5,934
Anten	24	25	Swed..	Transatlantic S. S. Co.	Goth'burg, Swed.	Los Angeles, Cal.	Ballast	.....
Vinland [2]	24	25	Nor...	Knut Knutsen Line	Oslo, Norway	Talcahuano, Chile	General	1,240
City of Kimberley	24	25	Brit...	Ellerman Lines, Ltd.	New York, N. Y.	Osaka, Japan	[13]	7,680
Hadleigh	24	25	Brit...	Atl. Ship. & Trad. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Leikanger	25	25	Nor...	Westfal, Larsen & Co.	Buenos Aires, Arg.	Vancouver, B. C.	General	2,806
Cumberland	25	26	Brit...	Federal Steam Nav. Co.	Swansea, Eng.	Pt. Chalmers, N.Z.	General	8,262
Pereira	17	26	Pan...	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	828
Matakana	25	26	Brit...	Shaw, Savill & Albion	Newcastle, Eng.	Oamaru, N. Z.	Ballast	.....
Reina del Pacifico[2]	25	25	Brit...	Pacific Steam Nav. Co	Liverpool, Eng.	Valparaiso, Chile.	General	3,366
San Mateo	25	26	Fr...	French Line	Antwerp, Belgium	Vancouver, B. C.	General	4,677
Trois Ilets	24	26	Fr...	French Line	Cristobal, C. Z.	B'ventura, Col.	General	28
Firmore	26	26	Amer..	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Rugeley [2]	26	26	Brit...	Mont.-Aust.-N.Z. Line	St. John, N. B.	Melbourne, Aust.	Newsprint	5,556
Naruto Maru [2]	26	26	Jap...	Nippon Yusen Kaisha	New York, N. Y.	Osaka, Japan	Steel, gen.	8,400
Peter Kerr	26	26	Amer..	States S. S. Co.	Philadelphia, Pa.	Tacoma, Wash.	General	4,135
Pirate [3]	26	...	Pan...	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [16]	.....	20
Porto Bello [3]	26	26	Pan...	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Willmoto [2]	26	27	Amer..	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	2,920
Welsh City	27	27	Brit...	Mitsubishi Line	Houston, Tex.	Yawata, Japan	Scrap steel	8,827
Panaman	27	27	Amer..	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,608
Drechtdijk [2]	26	28	Neth..	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B. C.	General	6,142
Astor [1] [2]	27	27	Pan...	Brun V. D. Lippe	Corpus Ch'ti, Tex.	Yokohama, Japan	Crude oil	14,124
Tuira [2]	26	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real [2]	26	27	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	General	40
Nathan [2]	26	...	Pan...	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [16]	.....	20
Sambu [2]	26	...	Pan...	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [16]	.....	25
Sona [2]	26	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Breckenridge [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Queen Maud [2]	27	28	Brit...	Westralian Farmers	Freeport, Tex.	Australia	Sulphur	8,501
Honomu	28	28	Amer..	Matson Nav. Co.	Baltimore, Md.	Hilo, T. H.	Gen., autos.	2,680
Cubore	28	28	Amer..	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Oregon Express [2]	28	28	Nor...	Fruit Express Line	Glasgow, Scot.	Los Angeles, Cal.	Ballast	.....
Magnolia [1]	28	28	Amer..	Socony-Vac. Oil Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Gefion [1]	28	28	Nor...	Eiv. Evensen	Liverpool, Eng.	Los Angeles, Cal.	Ballast	.....
Paula	28	28	Dan...	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	1,180
Vito [2]	28	28	Nor...	Kawasaki K. Kaisha.	Mobile, Ala.	Kobe, Japan	[17]	8,100
W. R. Keever	28	28	Amer..	Texas & Freeport Sul.	Galveston, Tex.	Everett, Wash.	Sulphur	4,850
Jew Baby [5]	...	...	Amer..	Wm. Zacharamko	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
President Polk	29	29	Amer..	Dollar Line	Boston, Mass.	Penang, Str. Sett.	Gen., autos.	5,808
Sawokla [2]	28	29	Amer..	Roosevelt S. S. Co.	New York, N. Y.	Shanghai, China.	General	6,447
Olympos	28	29	Greek.	Mitsui Line	Houston, Tex.	Osaka, Japan	Scrap iron	6,800
Cape Horn [2]	28	29	Brit...	Anglo-Can. Ship. Co.	Avonmouth, Eng.	Brit. Columbia	Ballast	.....
Port Montreal [2]	29	30	Brit...	Mont.-Aust.-N.Z. Line	Halifax, N. S.	Dunedin, N. Z.	Gen., paper	3,961
Merchant Royal	29	29	Brit...	Seaboard Ship. Co.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Mataroa	28	29	Brit...	Shaw, Savill & Albion	London, England	Auckland, N. Z.	General	7,975
William Luckenbach.	29	29	Amer..	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,895
San Cipriano [1] [2]	29	29	Brit...	Eagle Oil & Ship. Co.	Tyne, England	Los Angeles, Cal.	Ballast	.....
Thorstrand [2]	28	29	Nor...	Fred Olsen Line	Sandefjord, Nor.	Los Angeles, Cal.	Ballast	.....
Santa Inez [2]	28	30	Amer..	Grace Line	New York, N. Y.	Chanaral, Chile.	General	1,580
Jersey City	29	29	Brit...	Mitsubishi Shoji K.	New York, N. Y.	Yawata, Japan	Scrap steel	8,815
Thorshavn [1] [2]	29	29	Nor...	Bernuth Lembcke Co.	Grangem'th, Eng.	Oakland, Calif.	Creosote	10,181
Bethore	29	29	Amer..	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Frank [3]	26	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Baarn	28	30	Neth..	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,791
Laila	29	30	Dan...	Wessel, Duval & Co.	New York, N. Y.	Talcahuano, Chile	General	1,616
Forbes Hauptman	29	30	Amer..	McCormick S. S. Co.	Philadelphia, Pa.	Seattle, Wash.	General	3,786
Tilsington Court	29	30	Brit...	Canadian Transp. Co.	Louisburg, Can.	Vancouver, B. C.	General	8,600
Loch Ranza	30	30	Brit...	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Oklahoman	29	30	Amer..	Grace Line	New York, N. Y.	San Antonio, Chile	General	3,236
Ino [2]	28	30	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	22
Trewellard	30	30	Brit...	Mont.-Aust.-N.Z. Line	St. John, N. B.	Sydney, Australia	Newsprint	5,224
Oregonian	30	30	Amer..	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,032
Istmo	28	30	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	360
Aconcagua [2]	30	30	Chile..	Cia. Sud. Amer. de Vap.	Nakskov, Den.	Valparaiso, Chile.	General	1,426
Erria [2]	30	30	Dan.	East Asiatic Co.	Copenhagen, Den	Vancouver, B. C.	General	694
Hopecrest	30	30	Brit...	Hopemount Ship. Co.	Newcastle, Eng.	Los Angeles, Cal.	Ballast	.....
Fulda [2]	29	1	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	3,055
Willamette Valley. [2]	30	1	Brit...	Mitsubishi Shoji K.	Tampa, Fla.	Yokohama, Japan	Phosphate	8,000

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [13] Cayuco. [14] Pig iron, rosin. [15] Asbestos, scrap iron. [16] For bananas and return to Cristobal. [17] Cotton, pig iron, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Nuevo Panama [2]	29	1	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Aguadulce, R. P.	General	240
Casarco No. 5 [6]	4-5	...	Brit.	N. C. Rice	N.Brunswick,N.J	Balboa, C. Z.	Ballast	.....
Laguna [2]	30	1	Brit.	Pacific Steam Nav. Co	Hull, England	Valparaiso, Chile.	General	3,379
Lenda	1	1	Nor.	Mitsubishi Shoji K.	Mobile, Ala	Kobe, Japan	(13)	6,214
Cromarty [2]	1	1	Brit.	Canadian Transp. Co.	Newcastle, Eng.	Vancouver, B. C.	Ballast	.....
Tekoa	1	1	Brit.	N. Z. Shipping Co.	Glasgow, Scot.	Bluff, N. Z.	Ballast	.....
Point Palmas	1	1	Amer.	Gulf-Pacific Line	CorpusCh'ti,Tex.	Tacoma, Wash.	General	6,304
Nero [2]	30	1	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	98
Cerigo	29	...	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Balboa, C. Z.	Drydocking	.....
S-43 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Helen Whittier	1	2	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	S. Francisco, Cal.	Steel, gen.	2,740
Silverteak [2]	2	2	Brit.	Silver Line, Ltd.	New York, N. Y.	Honkgong, China	General	4,677
King John [2]	2	2	Brit.	Canadian Transp. Co.	Hull, England	Los Angeles, Cal.	Ballast	.....
San Gabriel	1	2	Amer.	Pac.-Atl. S. S. Co.	Albany, N. Y.	Tacoma, Wash.	General	2,813
Germania [1] [2]	2	2	Ger.	Elbe	Hamburg, Ger.	Talara, Peru	Ballast	.....
West Ivis	1	2	Amer.	McCormick S. S. Co.	BuenosAires,Arg.	Vancouver, B. C.	Gen., coffee	4,692
Zannis L. Cambanis.	2	2	Greek	L. Z. Cambanis	Boston, Mass.	Japan	Scrap iron	7,246
Beloit [3]	30	2	Hond.	Albion Mining Co.	Tampa, Fla.	Tumaco, Colom.	Machinery	45
Durazzo	1	2	Ger.	Hamburg-Amer. Line.	Pto. Colombia	Guayaquil, Ecua.	Gen., salt	462
Mallard [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Kanto Maru [2]	2	3	Jap.	Osaka Shosen Kaisha	Portland, Oreg.	Kobe, Japan	Gen., steel	7,674
Celtic Monarch	2	3	Brit.	Canadian Transp. Co.	Tampa, Fla.	N.Westm'er,B.C.	Phosphate	1,000
Sildra [1] [2]	2	3	Nor.	Standard Oil of N. J.	LaGuayra,Venez.	Tocopilla, Chile.	Fuel oil	10,639
Washington	2	3	Amer.	Weyerhaeuser S. S. Co.	Norfolk, Va.	Los Angeles, Cal.	General	2,930
Hindanger [2]	3	3	Nor.	Interocean S. S. Co.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Greystoke Castle	3	3	Brit.	Barber Line	New York, N. Y.	Hongkong, China	General	3,090
Port Bowen	3	3	Brit.	Port Line, Ltd.	England	Adelaide, Aust.	General	5,493
Utahan	3	3	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	(14)	3,202
Anglo African	3	3	Brit.	Seaboard Ship. Co.	S. Shields, Eng.	Vancouver, B. C.	Ballast	.....
Acajutla	4-26	4	Brit.	Pacific Steam Nav. Co	Cristobal, C. Z.	Champ'ico, Guat.	General	1,104
Porto Bello [3]	3	3	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Papoose [1]	3	4	Amer.	Shell Petroleum Co.	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
Florence Luckenbach.	3	4	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	6,239
Alaskan	4	4	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,083
Gunda	4	4	Nor.	Trans. & Gulf Co.	Habana, Cuba.	Guaymas, Mex.	Ballast	.....
President de Vogue. [1] [2]	4	4	Nor.	Comp.des Prod.Chem. Raffineries de Berre	Pt. de Bouc, Fr.	Talara, Peru	Ballast	.....
Trois Ilets	3	5	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	17
Ludington [8]	1	5	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	5,200
Nathan [2]	3	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [15]	.....	20
Sambu [2]	3	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [15]	.....	25
Sona [2]	3	4	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	40
J-26 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
R. J. Hanna [1]	5	5	Amer.	Standard Oil of Calif.	Baltimore, Md.	S. Francisco, Cal.	Ballast	.....
Corinthic	5	5	Brit.	Cockerline & Co.	Mobile, Ala.	Japan	(16)	7,304
Tropic Star [2]	5	5	Nor.	Chile Nit. Sales Corp.	Mobile, Ala.	Tocopilla, Chile.	Ballast	.....
Navarino	5	5	Brit.	Canadian Transp. Co.	London, England	Vancouver, B. C.	Ballast	.....
Pirate [3]	5	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [15]	.....	20
Santa Clara	5	6	Amer.	Grace Line	New York, N. Y.	SanAntonio,Chile	General	2,602
Rhakotis [2]	5	6	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	2,747
Hoegh Carrier [2]	5	6	Nor.	Mitsubishi Shoji K.	New York, N. Y.	Kobe, Japan	Scrap iron	8,004
Kimikawa Maru [2]	5	6	Jap.	Kawasaki K. Kaisha	Boston, Mass.	Dairen, China	(17)	7,782
Aobasan Maru [2]	6	6	Japan	Mitsui Bussan Kaisha	Baltimore, Md.	Moji, Japan	(18)	7,068
Marian Otis Chandler.	6	6	Amer.	Matson Nav. Co.	Mobile, Ala.	Honolulu, T. H.	General	7,034
Queen Victoria [2]	6	6	Brit.	Dunlop & Sons	Providence, R. I.	Osaka, Japan	Scrap iron	8,600
Gretavale	6	6	Brit.	Chile Nit. Sales Corp.	Genoa, Italy	Chile	Ballast	.....
K. I. Luckenbach.	6	6	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	4,162
Cingalese Prince [2]	6	6	Brit.	Mitsui & Co.	Norfolk, Va.	Moji, Japan	Scrap iron	9,270
St. Mihiel [8]	6	...	Amer.	U. S. Army	Brooklyn, N. Y.	Balboa, C. Z.	General	585
Patrick Henry	6	7	Amer.	Lykes Bros.-Ripley.	Mobile, Ala.	Yawata, Japan	(18)	9,565
Popeye [5]	...	...	Pan.	J. E. Baxendale	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Frank [3]	5	6	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Aguadulce, R. P.	General	60
J-62 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Tacoma	6	8	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	Iron, gen.	3,455
Ulm [2]	6	7	Ger.	North German Lloyd.	Bremen, Ger.	Los Angeles, Cal.	General	384
Mount Pera	6	7	Greek	Long. Is. Mach. & Eq.	Norfolk, Va.	Yokohama,Japan	Scrap iron	7,008
Fortuna [3]	7	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Rokos Vergotis	6	7	Greek	R. Vergotis	Rotterdam, Neth.	Yawata, Japan	Scrap iron	7,523
Matros [2]	7	...	Pan.	Chile Nit. Sales Corp.	Charleston, S. C.	Tocopilla, Chile.	Ballast	.....
Triton [2]	7	7	Nor.	Barber-Wilhelmsen	New York, N. Y.	Osaka, Japan	(19)	5,765
Hopepeak [2]	6	7	Brit.	Hopemount Ship. Co.	Newcastle, Eng.	Far East	General	7,514
Texmar	7	7	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	6,209
San Francisco Maru.	7	8	Jap.	Yamashita Ship. Co.	Hamburg, Ger.	Los Angeles, Cal.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [7] Submarine. [8] Transport. [10] Mine sweeper, [13] Steel, scrap iron. [14] Pipe, rosin, general. [15] For bananas and return to Cristobal. [16] Pig iron and scrap. [17] Iron. steel, oil. [18] General. iron, lubricating oil. [19] Scrap iron, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Margaret Johnson. [2]	7	7	Swed..	Johnson Line.....	Goth'burg, Swed.	Vancouver, B. C.	General.....	3,544
Clio [2].....	6	7	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	150
Istmo.....	5	7	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General.....	575
Montgomery City	7	8	Amer...	Isthmian S. S. Lines..	Portland, Me....	Seattle, Wash...	General.....	4,454
Justitia.....	7	8	Brit...	Bank Line.....	Baltimore, Md...	Kobe, Japan.....	Scrap steel..	8,323
Wind Rush.....	7	8	Amer..	Shepard S. S. Co.....	New York, N. Y.	Tacoma, Wash..	General.....	4,091
Trondanger [2]....	7	8	Nor...	Interocean S. S. Co..	Rotterdam, Neth.	Vancouver, B. C.	Ballast.....	.....
Kaikoura [2].....	8	8	Brit...	Mont.-Aust.-N.Z. Line	St. John, N. B...	Adelaide, Aust...	General.....	4,972
Californian [2].....	8	8	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Seattle, Wash...	General.....	3,400
Myrmidon.....	8	8	Brit...	Ocean S. S. Corp.....	New York, N. Y.	Osaka, Japan....	General.....	5,656
Roxen.....	8	8	Swed..	Transatlantic S. S. Co.	Antwerp, Belgium	S. Francisco, Cal.	Chalk, sand.	2,000
Turakina.....	8	8	Brit...	N. Z. Shipping Co...	Liverpool, Eng..	Auckland, N. Z..	General.....	6,450
Pacific Pioneer [2]..	8	9	Brit...	Furness, Withy & Co.	Glasgow, Scot...	Vancouver, B. C.	General.....	1,077
Nero [2].....	7	8	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	B'ventura, Col...	General.....	80
S-44 [7].....	...	...	Amer..	U. S. Navy.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
S-45 [7].....	...	...	Amer..	U. S. Navy.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
S-46 [7].....	...	...	Amer..	U. S. Navy.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
S-47 [7].....	...	...	Amer..	U. S. Navy.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Surrey.....	8	9	Brit...	N. Z. Shipping Co...	London, England	Napier, N. Z....	Ballast.....	.....
Evita [2].....	9	9	Nor...	J. M. Ugland.....	Grangem'th, Eng.	Los Angeles, Cal.	Ballast.....	.....
Santa Isabel [3]....	7	9	Nic...	Bernabe Guerrero....	Bluff, Nicaragua.	Corinto, Nic.....	Iron	40
Illinois.....	8	9	Amer..	Mitsui & Co.....	Mobile, Ala	Yokohama, Japan	Pig iron.....	6,787
Thorshovdi [1] [2]..	9	9	Nor...	Anglo-Saxon Pet. Co.	London, England	S. Francisco, Cal.	Ballast.....	.....
Cerigo.....	8	9	Ger...	Hamburg-Amer. Line.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	132
Port Wyndham [2].	9	9	Brit...	Port Line.....	New York, N. Y.	Dunedin, N. Z...	(15)	2,641
Smaragd.....	3	9	Nor...	Grace Line.....	Habana, Cuba...	Champ'ico, Guat.	General.....	603
Petrofina [1] [2]....	5	10	Nor...	Comp. Fin. Belge Pet.	Dunkerque, Fr..	Talara, Peru	Ballast.....	.....
City of Manila...	9	10	Brit...	Ellerman-Hall Line...	New York, N. Y.	Brisbane, Aust...	General.....	5,230
Montevideo Maru	[2] 10	11	Jap...	Osaka Shosen Kaisha.	Buenos Aires, Arg.	Kobe, Japan....	General.....	3,987
Absaroka.....	10	10	Amer..	McCormick S. S. Co.	Norfolk, Va ...	Seattle, Wash...	General.....	3,920
Lebore.....	10	10	Amer..	Ore S. S. Corp.....	Baltimore, Md...	Cruz Gr'de, Chile	Ballast.....	.....
Nagara Maru [2]..	10	10	Jap...	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan....	(16)	7,867
Barrhill.....	10	10	Brit...	States Marine Corp...	Chester, Pa.....	Osaka, Japan....	Scrap steel..	7,013
Molda [2].....	10	10	Nor...	Mitsui Line.....	Mobile, Ala	Osaka, Japan....	(17)	3,520
Porto Bello [2].....	10	10	Pan...	A. Tagaropulos.....	Cristobal, C. Z..	Real, R. P	General.....	3
Dolores [5].....	...	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Tow. barge..	.....

PACIFIC TO ATLANTIC

Texas Sun [1] [2]....	10	11	Amer..	Sun Oil Co.....	Los Angeles, Cal.	Chester, Pa.....	Gasoline....	14,971
Rialto [2].....	11	12	Ital...	Italia S. A. Di Nav.	S. Francisco, Cal.	Trieste, Italy....	General.....	6,717
Helgoy [2].....	11	11	Nor...	Co. Gral De Tab De Filipinas.	Cebu, P. I.....	East coast, U.S.A.	Sugar.....	9,080
Fortuna [2].....	11	18	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Colon, R. P.....	Bananas....	75
Santa Inez [2].....	11	11	Amer..	Grace Line.....	Chanaral, Chile..	New York, N. Y.	General.....	2,794
Vera [1] [2].....	11	11	Nor...	Shell Oil Co.....	Los Angeles, Cal.	Lands End [14]....	Gasoline....	9,319
Point Ancha.....	11	11	Amer..	Swayne & Hoyt.....	Seattle, Wash...	New Orleans, La.	General.....	5,233
Jane Christenson.	11	11	Amer..	Arrow Line.....	Portland, Oreg...	Baltimore, Md...	Lumber, gen.	6,597
Tuira [2].....	11	12	Pan...	Laffargue Bros.....	Darien, R. P	Cristobal, C. Z..	Bananas....	53
Real [2].....	11	12	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	29
Franz Klasen [1] [2].	12	12	Pan...	W. Tankschiff Rhed'i	Talara, Peru....	Hamburg, Ger...	Mineral oil..	17,407
Hermonthis [2]....	11	12	Ger...	Hamburg-Amer. Line.	Corral, Chile....	Hamburg, Ger...	General.....	5,229
Knoxville City..	12	12	Amer..	Isthmian S. S. Lines..	Kahului, T. H...	New York, N. Y.	Sugar, gen..	7,405
San Marcos.....	12	12	Amer..	Quaker Line.....	Portland, Oreg...	Philadelphia, Pa.	Lumber, gen.	7,045
King Idwal.....	12	12	Brit...	Canadian Transp. Co.	Brit. Columbia .	Liverpool, Eng..	(18)	7,880
St. Mihiel [8].....	11	13	Amer..	U. S. Army.....	S. Francisco, Cal.	Brooklyn, N. Y..	Army stores.	246
Blairlogie.....	12	13	Brit...	Seaboard Ship. Co..	Nanaimo, B. C..	Garston, England	Lumber.....	6,775
Salvador.....	12	19	Brit...	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z..	Coffee, gen..	949
Bethore.....	13	13	Amer..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	21,500
Winkleigh.....	12	13	Brit...	Seaboard Ship. Co...	Pt. Alberni, B. C.	London, England	Grain, lum..	8,850
Itauri.....	12	14	Ger...	Hamburg-Amer. Line.	Corral, Chile....	Hamburg, Ger. .	General.....	7,892
Mobiloil [1].....	12	13	Amer..	Socony-Vac. Oil Co..	Los Angeles, Cal.	Providence, R. I.	Gasoline....	14,967
Frimaire [1].....	13	14	Fr....	Raffineries De Berre..	Talara, Peru	Berre, France...	Crude oil...	13,025
Queen Adelaide [2].	13	13	Brit...	Anglo-Can. S. S. Co..	S. Francisco, Cal.	Grangem'th, Scot	(19)	8,067
Columbian.....	13	13	Amer..	Amer.-Hawaiian Line.	Los Angeles, Cal.	Baltimore, Md...	General.....	5,561
British Columbia Express. [2]	13	13	Nor...	Fruit Express Line...	Seattle, Wash...	London, England	Apples, pears	2,042
Deborah [2].....	13	13	Pan...	Limits Commission, Colon and Panama.	Panama, R. P...	Colon, R. P.....	Ballast.....	.....
Loke [13].....	13	...	Amer..	O. G. Paterson.....	Balboa, C. Z....	Cristobal, C. Z..	Ballast.....	.....
Hi. Wini [13].....	13	...	Amer..	Milton Dunn.....	Balboa, C. Z....	Cristobal, C. Z..	Ballast.....	.....
Grover J. [13].....	13	...	Amer..	G. Gravatt.....	Balboa, C. Z....	Cristobal, C. Z..	Ballast.....	.....
Sea Deer [13].....	13	...	Amer..	Bobbie Patchett.....	Balboa, C. Z....	Cristobal, C. Z..	Ballast.....	.....
Hobo [13].....	13	...	Amer..	H. Rose.....	Balboa, C. Z....	Cristobal, C. Z..	Ballast.....	.....
Me 'n Pop [13]....	13	...	Amer..	F. Hauss.....	Balboa, C. Z....	Gatun, C. Z....	Ballast.....	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [8] Transport. [13] Sailboat. [14] For orders. [15] General, lubricating oil, etc. [16] Steel, iron, oil, etc. [17] Pig iron, cotton, cloth. [18] Lumber, wood pulp. [19] Lumber, lead, barley.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Calgarolite [1] [2]	13	14	Brit.	Imperial Oil Ship Co.	Talara, Peru	Halifax, N. S.	Crude oil	16,613
Matros (ex Olymp)	[2]13	14	Pan.	Chile Nit. Sales Corp.	Iquique, Chile	Jacksonville, Fla.	(13)	6,590
Tornus [1] [2]	14	14	Brit.	Curacaosche Pet. Ind.	Los Angeles, Cal.	Curacao, N.W.I.	Benzine	11,515
Trois Ilets	14	19	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	(14)	263
Tokai Maru [2]	14	14	Jap.	Osaka Syosen Kaisya	Manila, P. I.	Baltimore, Md.	General	3,984
West Camargo	14	14	Amer.	McCormick S. S. Co	Seattle, Wash.	Buenos Aires, Arg.	General	6,623
Wyoming	14	15	Fr.	French Line	Vancouver, B. C.	Rotterdam, Neth.	Wheat, gen.	7,340
Edgar F. Luckenbach.	14	14	Amer.	Luckenbach-Gulf Co.	Portland, Oreg.	Mobile, Ala.	Lumber, gen.	3,762
Winslow	14	16	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Ino [2]	14	16	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	266
Nero [2]	15	17	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee, hides	272
Chastine Maersk [2]	14	16	Dan.	A. P. Moller	Manila, P. I.	New Orleans, La.	Sugar	7,600
Gannett [4]	15	.	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Minerva [2]	15	15	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Norfolk, Va.	Nit. of soda	9,350
Villanger [2]	15	15	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	(15)	7,368
Manizales	15	16	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	894
Talaralite [1] [2]	7	15	Brit.	Imperial Oil Ship. Co.	Talara, Peru	Halifax, N. S.	Crude oil	3,292
Pan Norway [1] [2]	15	15	Nor.	Standard Oil of N. J.	El Segundo, Cal.	Hull, England	Benzine	13,219
Johilla	15	16	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Garston, England	(16)	6,743
Arimasan Maru [2]	15	16	Jap.	Mitsui Senpakubu	Manila, P. I.	New York, N. Y.	General	7,247
Hanley	16	16	Amer.	Weyerhaeuser S. S. Co	Portland, Oreg.	Baltimore, Md.	(17)	11,240
Elbe [2]	16	17	Ger.	North German Lloyd	Vancouver, B. C.	Bremen, Ger.	General	5,974
Santa Isabel [2]	16	17	Nic.	B. Guerrero	Corinto, Nic.	Bluefields, Nic.	Sugar	20
Harpoon	16	16	Amer.	Shepard S. S. Co.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,568
Porto Bello [2]	15	19	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(18)	11
Huntingdon	16	17	Brit.	FederalSteamNav.Co.	Nelson, N. Z.	Newcastle, Eng.	Frozen, gen.	7,388
Port Auckland	16	18	Brit.	Port Line	New Zealand	Hamburg, Ger.	Frozen, gen.	7,197
Steel Age	16	17	Amer.	Isthmian S. S. Lines.	Seattle, Wash.	Avonmouth, Eng.	Lumber, gen.	4,291
Lima [2]	16	18	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	General	5,447
Lahaina	17	17	Amer.	Matson Nav. Co.	Honolulu, T. H.	Galveston, Tex.	Sugar	7,466
Huncliffe	16	17	Brit.	Dingwall, Cotts & Co.	Vancouver, B. C.	London, England	Lum., wheat	7,141
Dorothy Luckenbach.	17	17	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,552
Parthenia	17	17	Brit.	Donaldson Bros.	Victoria, B. C.	Glasgow, Scot.	General	5,844
Pereira	17	25	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	482
Moldanger [2]	17	18	Nor.	Interocean S. S. Co.	Vancouver, B. C.	Rotterdam, Neth.	Grain, gen.	8,320
Istmo	17	23	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	668
Barneveld	18	18	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	7,916
Jersey [2]	17	18	Brit.	Morel, Ltd.	Manila, P. I.	N. of Hatteras	Sugar	8,925
R. J. Hanna [1]	18	18	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Baltimore, Md.	Asphalt	9,502
Patricia [2]	18	19	Ger.	Hamburg-Amer. Line.	Champ'ico, Guat.	Hamburg, Ger.	Coffee, gen.	1,985
Port Melbourne	18	19	Brit.	Port Line	Auckland, N. Z.	London, England	Frozen, gen.	6,766
Golden Cloud	18	18	Amer.	Matson Nav. Co.	Honolulu, T. H.	New York, N. Y.	Sugar	7,554
Mexican	18	18	Amer.	Amer.-Hawaiian Line.	Los Angeles, Cal.	Boston, Mass.	Lumber, gen.	9,277
Phantom [5]	18	.	Amer.	E. G. Willett	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
California	18	20	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	4,780
Beaconstar [1]	18	19	Amer.	Imperial Oil Co.	Talara, Peru	Montreal, Canada	Gasoline	8,434
Babbitt [9]	18	20	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Gypsum Queen	19	19	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Jacksonville, Fla.	Nitrates	6,430
President Herrenschmidt. [1] [2]	18	19	Nor.	Pechelbronn	Talara, Peru	Antwerp, Belgium	Crude oil	13,283
Sidney M. Hauptman.	19	19	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	9,038
Mobile City	19	19	Amer.	Isthmian S. S. Lines.	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	6,198
Nuevo Panama [2]	19	20	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	100
Stonegate	19	19	Brit.	Seaboard Ship. Co.	N.Westm'er, B.C.	London, England	Lum., cereals	7,200
Santa Clara	19	19	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	(19)	5,032
American	19	19	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	4,233
Clarence M. Condon. [11]	19	.	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Real [2]	19	20	Pan.	Elliot Ship. & Land Co.	Balboa, C. Z.	Cristobal, C. Z.	Bananas	34
La Union [2]	19	20	Pan.	A. A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	15
Siljestad [2]	19	20	Nor.	Fernley & Eger	Manila, P. I.	New York, N. Y.	(20)	7,183
Northumberland	19	20	Brit.	N. Z. Shipping Co.	Wanganui, N. Z.	London, England	Frozen, gen.	7,282
El Alcto [1] [2]	19	20	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Ellesmere, Eng.	Crude oil	10,574
Kinka Maru [2]	19	20	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	Baltimore, Md.	(21)	6,298
San Lucas	18	20	Amer.	States S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	8,797
Oakworth	20	20	Brit.	Canadian Transp. Co.	Vancouver, B. C.	S'ampton, Eng.	Lumber, gen.	6,400
Chile [2]	20	20	Swed.	Johnson Line	Valparaiso, Chile.	Stockholm, Swed.	General	6,324
Alnmoor	21	21	Brit.	Anglo-Can. S. S. Co.	N.Westm'er, B.C.	London, England	Lum., barley	9,378
Azumasan Maru [2]	21	21	Jap.	Mitsui Bussan Kaisha	Yokohama, Japan	New York, N. Y.	(22)	8,150
Clio [2]	21	23	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	478
Tuli [6]	21	21	Amer.	Max Bilgray	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Adventure [5]	21	22	Amer.	R. O. Shuey	Balboa, C. Z.	Cristobal, C. Z.	(23)	.....
Manizales	16	23	Ger.	North German Lloyd.	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [9] Destroyer. [11] Mine planter. [13] Potash, nitrate. [14] Coffee, ivory nuts. [15] Grain, lumber, general. [16] Lumber, grain, pulp. [17] Lumber, copper, pulp. [18] Plantains, lumber. [19] Coffee, copper. [20] Chromite, copper, general. [21] Coconut oil, general. [22] Silk, coconut oil, general. [23] Towing launch Tuli.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Nero [2]	22	23	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee, hides	119
Yamaura Maru	21	22	Jap.	Yamashita K. Kaisha	Dairen, China	BuenosAires, Arg.	(15)	6,663
Trimountain [1]	21	22	Amer.	Shell Terminal Co.	Los Angeles, Cal.	Sewaren, N. J.	Petroleum	8,658
Benvenue	22	22	Brit.	W. Scales & Co.	Timaru, N. Z.	London, England	(16)	3,908
Kensington Court	22	22	Brit.	Seaboard Ship. Co.	Portland, Oreg.	Liverpool, Eng.	Grain, lum.	7,250
Durazzo	22	25	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,104
Kiyokawa Maru [2]	22	23	Jap.	Kawasaki K. Kaisha	Manila, P. I.	Baltimore, Md.	General	2,305
Kozui Maru [2]	22	22	Jap.	United Ocean Transp.	Bais, P. I.	Boston, Mass.	Sugar, gen.	8,717
Tampa [2]	22	23	Amer.	Roosevelt S. S. Co.	Hongkong, China	New York, N. Y.	Sugar, gen.	7,782
King Egbert [2]	22	23	Brit.	King Line, Ltd	Vancouver, B. C.	Hull, England	Lumber	7,425
California Express. [2]	22	23	Nor.	Fruit Express Line	Seattle, Wash.	Rotterdam, Neth.	Fresh fruit	1,757
Malayan Prince [2]	23	23	Brit.	Prince Line, Ltd	Hongkong, China	New York, N. Y.	Sugar, gen.	7,475
Ganges	22	25	Neth.	L. Smit & Co.	B'ventura, Col.	Rotterdam, Neth.	Ballast	.....
Silverwillow [2]	23	23	Brit.	Silver Line	Vancouver, B. C.	Calcutta, India	(17)	6,670
Oregon [2]	23	24	Fr.	French Line	Corral, Chile	Antwerp,Belgium	Copper, gen.	9,807
Ojeda [1]	22	23	Venez.	Shell Oil Co.	Balboa, C. Z.	Maracaibo, Venez	Ballast	.....
Point Salinas	23	23	Amer.	Gulf-Pacific Line	Portland, Oreg.	Panama City, Fla.	General	5,365
Tai Shan [2]	23	24	Nor.	Barber-Wilhelmsen	Pt. Lamon, P. I.	Boston, Mass.	Lumber, gen.	3,648
Porto Bello [2]	23	23	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(18)	15
Lebore	24	24	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Sagua	24	24	Amer.	United Fruit Co.	Boston, Mass.	Mobile, Ala.	Bananas	950
Aldebaran [2] [6]	24	...	Amer.	Francis Taylor	Balboa, C. Z.	Gatun, C. Z.	Ballast	.....
Minnesotan	24	24	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	3,740
Trois Ilets	24	26	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	185
Warkworth	24	25	Brit.	Anglo Can. S. S. Co.	Victoria, B. C.	Liverpool, Eng.	Wheat, lum.	7,200
Cape Nelson	24	24	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	New Orleans, La.	Nitrate	6,250
Washingtonian	24	24	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	General	6,553
Trontolite [1] [2]	24	25	Brit.	Imperial Oil Ship. Co.	Talara, Peru	Montreal,Canada	Gasoline	7,556
Annie Johnson [2]	24	25	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	Wheat, gen.	2,563
Oropesa	25	26	Brit.	Pacific Steam Nav. Co	SanAntonio,Chile	Liverpool, Eng.	Copper, gen.	8,352
Rigmor [1] [2]	25	25	Nor.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End [14]	Gasoline	9,110
Golden Horn	25	25	Amer.	Matson Nav. Co.	Honolulu, T. H.	U. S. Atl. ports	(19)	8,453
Acacia [13]	25	27	Amer.	U. S. Government	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Imperial Monarch	25	25	Brit.	Anglo-Can. S. S. Co.	N.Westm'er,B.C.	London, England	(20)	8,600
Rangitara [2]	25	26	Brit.	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	6,453
Vega	24	27	Amer.	U. S. Navy	Mare Island, Cal.	Norfolk, Va.	Navy stores	674
Puerto Rican	25	26	Amer.	Chile Nit. Sales Corp.	Tocopilla, Chile	Savannah, Ga.	Nit. of soda	9,162
Taketoyo Maru	25	26	Jap.	Nippon Yusen Kaisha	Manila, P. I.	New Orleans, La.	Sugar, gen.	7,690
Santa Barbara [2]	26	26	Amer.	Grace Line	SanAntonio,Chile	New York, N. Y.	Copper, gen.	3,795
Julia Luckenbach	25	26	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	6,274
Acajutla	26	3	Brit.	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	General	525
Frank [2]	26	29	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Real [2]	26	27	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	32
Tuira [2]	26	27	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	50
Sona [2]	26	27	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	27
Tainui	26	27	Brit.	Shaw, Savill & Albion	Wellington, N. Z.	London, England	Frozen, gen.	4,923
Pacific Prosident [2]	27	27	Brit.	Furness, Withy & Co.	Vancouver, B. C.	London, England	General	8,927
Friesland [2]	27	28	Ger.	Hamburg-Amer Line.	Manila, P. I.	New Orleans, La.	Copra, sugar	8,112
Elisabeth Bakke [2]	27	28	Nor.	Knutsen Line	Vancouver, B. C.	Belfast, Ireland	Lumber, gen.	7,702
Sessa	28	28	Dan.	Wessel, Duval & Co.	Antof'gasta, Chile	New York, N. Y	Ores, nitrate	2,727
Marconi [2]	28	...	Pan.	D. Campodonico	Panama, R. P.	Covenas, Colom.	Livestock	3
Berganger [2]	28	28	Nor.	Interocean Line	Vancouver, B. C.	Rotterdam, Neth.	Lumber, gen.	8,391
Istmo	28	30	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	(21)	666
Ino [2]	28	30	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	420
Marore	29	29	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,500
Canadian Constructor.	28	30	Brit.	M. A. N. Z. Line	Adelaide, Aust.	Montreal,Canada	General	2,237
Lena Luckenbach	28	29	Amer.	Luckenbach Gulf Co.	Portland, Oreg.	Mobile, Ala.	General	3,322
Pomona	29	29	Amer.	Weyerhaeuser S. S. Co	Portland, Oreg.	Norfolk, Va.	Lumber, gen.	9,367
Cerigo	29	2	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,162
Nuevo Panama [2]	29	1	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	221
Komaki Maru [2]	29	30	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	Montreal,Canada	(22)	3,744
Europa [2]	30	30	Dan.	East Asiatic Co.	Vancouver, B. C.	Copenhagen,Den.	Lumber, gen.	9,111
Mayan	29	1	Amer.	Grace Line	Champ'ico, Guat.	San Juan, P. R.	General	583
Alabaman	29	30	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	5,482
Emma Bakke [2]	30	30	Nor.	Knut Knutsen	Valparaiso, Chile.	Oslo, Norway	General	7,507
Nero [2]	30	1	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee, gen.	434
African Reefer [2]	30	30	Dan.	J. Lauritzen	Los Angeles, Cal.	Oslo, Norway	Fruit	1,348
Porto Bello [2]	30	30	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(18)	17
Azuma Maru [2]	30	1	Jap.	Nippon Yusen Kaisha	Kusiro, Japan	Hamburg, Ger.	General	7,925
Marija Racic	30	1	Y-slav.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [14]	Nitrate	6,650
Gracia	1	1	Brit.	Donaldson Bros.	Vancouver, B. C.	Glasgow, Scot.	Grain, gen.	6,137
Arlington Court	1	1	Brit.	Kerr Gifford Co.	Portland, Oreg.	Dublin, Ireland	Wheat	7,367
Millais	1	1	Brit.	Blue Star Line	Vancouver, B. C.	Newcastle, Eng.	General	5,606
Chilore	2	2	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,000
Embassage	1	2	Brit.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	London, England	Grain, lum.	8,250

[1] Tanker. [2] Motor ship. [6] Yacht. [13] Lighthouse tender. [14] For orders. [15] Ore, oil, general. [16] Grain, flour, wool. [17] Coconut oil, general. [18] Plantains, lumber. [19] Sugar, awa root. [20] Lumber, concentrates. [21] Coffee, empty cylinders. [22] Cotton goods, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
San Anselmo	2	3	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	8,735
Santa Rita [2]	2	2	Amer.	Grace Line	Chanaral, Chile	New York, N. Y.	General	2,968
Jeff Davis [2]	2	2	Amer.	Roosevelt Line	Whyalla, S. A.	Montreal, Canada	Ore, gen.	6,884
Flomar	2	2	Amer.	Calmar S. S. Corp.	Marshfield, Oreg.	Baltimore, Md.	Lumber	7,500
Montanan	2	2	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,008
Georgios G.	2	2	Greek.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [14]	Nitrate	7,264
Trois Ilets	2	4	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	185
San Antonio	3	4	Fr.	French Line	Vancouver, B. C.	Rotterdam, Neth.	General	7,220
Nurnberg [2]	3	4	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	6,712
Fortuna [2]	3	3	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Colon, R. P.	Bananas	68
Peter Maersk [2]	3	4	Dan.	Maersk Line	Manila, P. I.	New York, N. Y.	General	6,410
Lobos [2]	3	3	Brit.	Pacific Steam Nav. Co	Talcahuano, Chile	Swansea, Eng.	General	8,428
Framlington Court	3	3	Brit.	Seaboard Ship. Co.	N. Westm'er, B.C.	Sharpness, Eng.	Lumber	6,550
Bachaquero [1]	4	24	Brit.	Standard Oil of N. J.	Balboa, C. Z.	Aruba, N. W. I.	Ballast	
Kentuckian	3	3	Amer.	Amer.-Hawaiian Line.	Astoria, Oreg.	Baltimore, Md.	General	5,048
Frank [2]	3	4	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	36
Sona [2]	3	4	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
Delftdijk [2]	3	5	Neth.	N. Pac. Coast Line	Victoria, B. C.	Rotterdam, Neth.	General	7,491
Canada [2]	4	4	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	Wheat, gen.	6,597
Niceto De Larrinaga.	4	4	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Montreal, Canada	Lumber, gen.	7,461
Moorby [2]	4	4	Brit.	Ropner Ship. Co.	Victoria, B. C.	Hull, England	Lum., wheat.	8,286
Brynje [2]	4	4	Nor.	Canadian Transp. Co.	Pt. Alberni, B. C.	W. Hartlep'l, Eng.	Lumber	6,130
Real [2]	4	...	Pan.	Elliot Ship. & Land Co.	Panama, R. P.	P. Miguel, C. Z. [15]	Ballast	
Steelore	5	5	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Pan Aruba [1] [2]	4	5	Nor.	Huasteca Pet. Co.	Talara, Peru	Aruba, N. W. I.	([16])	14,008
Daylight [1] [2]	4	5	Amer.	Shell Oil Co.	Los Angeles, Cal.	Curacao, N. W. I.	([17])	13,934
Bogota [2]	4	7	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,273
Ardangorm	5	5	Brit.	Anglo-Can. S. S. Co.	N. Westm'er, B.C.	Antwerp, Belgium	([18])	7,760
Nozima Maru [2]	5	5	Jap.	Nippon Yusen Kaisha	Keelung, Japan	Baltimore, Md.	General	5,647
Torvanger	5	6	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [14]	Nitrate	10,160
Leo Dawson	5	5	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [14]	Nitrate	6,840
Slemmestad [2]	5	5	Nor.	Fern Line	Sabang, P. I.	New York, N. Y.	General	7,098
Anhalt	5	8	Ger.	North German Lloyd.	Pagou'e, N.Caled.	Philadelphia, Pa.	([19])	7,031
Istmo	5	7	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	719
Sea Thrush	5	5	Amer.	Shepard S. S. Co.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,327
Benjamin Franklin. [2]	5	7	Nor.	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	Wheat, gen.	7,804
Selma City	5	6	Amer.	Isthmian S. S. Lines.	Olympia, Wash.	Baltimore, Md.	Gen., lumber	6,578
Clio [2]	5	7	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Cacao, gen.	542
Cellina [2]	5	7	Ital.	Italia Line	Vancouver, B. C.	Trieste, Italy	General	2,286
Birmingham City.	5	6	Amer.	Isthmian S. S. Lines.	Honolulu, T. H.	Baltimore, Md.	Sugar, gen.	7,639
Troubadour	5	6	Nor.	Chile Nit. Sales Corp.	Montevideo, Uru.	Charleston, S. C.	Nit. of soda.	8,200
Middlesex	6	6	Brit.	Federal Steam Nav. Co.	Opua	Glasgow, Scot.	Frozen, gen.	6,532
Mersington Court	6	6	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Gibraltar [14]	Nit. of soda.	7,550
Lewis Luckenbach	6	6	Amer.	Luckenbach Line	Seattle, Wash.	New York, N. Y.	General	12,650
San Amado [1] [2]	6	7	Brit.	Eagle Oil & Ship. Co.	S. Francisco, Cal.	Lizard, England	Gas., keros'e	10,325
Washington Express. [2]	6	7	Nor.	Fruit Express Line	Vancouver, B. C.	London, England	Fresh fruit	1,500
Steel Mariner	7	7	Amer.	Isthmian S. S. Lines.	Kanapali, T. H.	Baltimore, Md.	Sugar, gen.	8,011
Penelope	7	7	Greek.	Chile Nit. Sales Corp.	Iquique, Chile	Alexandria, Egypt	Nitrate	9,750
Saarland	7	8	Ger.	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	7,613
Olney [1]	6	7	Amer.	Shell Oil Co.	Los Angeles, Cal.	Houston, Tex.	Gas., keros'e	10,137
Nero [2]	7	8	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee, hides	425
Cap Pilar [13]	1	...	Brit.	Adrian Seligman	London, England	Kingston, Jam.	Ballast	
Golden Sun	7	7	Amer.	Matson Nav. Co.	Pt. Allen, T. H.	Philadelphia, Pa.	([20])	6,748
Porto Bello [2]	7	7	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	Lum., plant'n	23
Amerikaland	7	8	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,250
Chaumont [3]	6	9	Amer.	U. S. Navy	S. Francisco, Cal.	Norfolk, Va.	General	272
Cerigo	2	9	Ger.	Hamburg-Amer. Line.	Balboa, C. Z.	Cristobal, C. Z.	Ballast	
Kinai Maru [2]	7	8	Jap.	Osaka Shosen Kaisha.	Iloilo, P. I.	Baltimore, Md.	General	4,910
Ferncliff [2]	8	8	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Wilmington, N.C.	Nitrate	7,772
Lihue	8	8	Amer.	Matson Nav. Co.	Kahului, T. H.	Galveston, Tex.	Sugar	8,916
Vibran [2]	8	8	Nor.	Knutsen Line	Los Angeles, Cal.	Lands End [14]	Fresh fruit	1,588
Point Clear	8	8	Amer.	Swayne & Hoyt	Portland, Oreg.	Tampa, Fla.	([21])	5,460
Cambridge	8	9	Brit.	Federal Steam Nav. Co.	Pt. Chalmers, N.Z.	London, England	Frozen, gen.	7,275
Beldagny	8	9	Nor.	Chile Nit. Sales Corp.	Antof'gasta, Chile	Azores [14]	Nitrate	6,601
Hallanger [1] [2]	8	9	Nor.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, N. W. I.	Gasoline	12,842
Karmt [2]	9	9	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Pensacola, Fla.	Nitrate	8,850
Tairoa	9	9	Brit.	Shaw, Savill & Albion	Omaru, N. Z.	London, England	Frozen, gen.	5,649
Dalfram	9	9	Brit.	Brit. Phosphate Com.	Nauru Island	Avonmouth, Eng.	Phosphate	7,850
Athelviscount [1] [2]	9	9	Brit.	United Molasses Co.	Hilo, T. H.	Hull, England	Molasses	13,428
Osnabruck [2]	9	10	Ger.	North German Lloyd.	Talcahuano, Chile	Bremen, Ger.	General	5,650
Appledore	9	10	Brit.	Seaboard Ship. Co.	Vancouver, B. C.	London, England	Wheat, lum.	9,465
Germania [1] [2]	9	10	Ger.	Standard Oil of N. J.	Talara, Peru	Rotterdam, Neth.	Gasoline	13,024
Rossington Court.	9	10	Brit.	Haldin & Philipps	Pt. Alberni, B. C.	Garston, England	Lum., pulp.	9,065

[1] Tanker. [2] Motor ship. [3] Transport. [13] Sailboat. [14] For orders. [15] And return to Panama, R. P. [16] Gasoline, petroleum. [17] Gas oil, kerosene distillate. [18] Lumber, zinc concentrates. [19] Chrome ore, general. [20] Raw sugar, canned pineapples. [21] Sugar, lumber, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Texan	9	10	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	6,300
American Robin	9	10	Amer.	Amer.-Foreign Corp.	Tacoma, Wash.	New York, N. Y	Lumber	6,800
Chilean Reefer [2]	9	10	Dan.	J. Lauritzen	Valparaiso, Chile.	Hamburg, Ger.	Fresh fruit	1,400
Antiochia	10	11	Ger.	Hamburg-Amer. Line.	Puntarenas, C. R.	Hamburg, Ger.	General	3,154
Fortuna [2]	10	...	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	75
St. Mihiel [8]	6	11	Amer.	U. S. Army	Balboa, C. Z.	Brooklyn, N. Y.	Army stores.	40
Santa Lucia	10	11	Amer.	Grace Line	SanAntonio,Chile	New York, N. Y.	General	5,779
Corrientes	10	11	Brit.	Donaldson Line	Vancouver, B. C.	Glasgow, Scot.	Fruit, gen.	4,842
Breda	10	11	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	8,625
La Union [2]	10	11	Pan.	A. A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	24
Tuira [2]	10	11	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	58
Sona [2]	10	11	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
Real [2]	10	11	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Salvador	10	...	Brit.	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	936
Hoxbar [1]	10	10	Amer.	Cities Service Asphalt	Pt. Petrol, Calif.	Warner, N. J.	Crude oil	9,975
Orazio [2]	10	11	Ital.	Italia, S. A. N.	Valparaiso, Chile	Genoa, Italy	General	2,768
Southern Cross [6]	10	11	Swed.	A. L. Wenner-Gren	Los Angeles, Cal.	Stockholm, Swed.	Ballast	.....

[1] Tanker. [2] Motor ship. [6] Yacht. [8] Transport.

Comparison of Traffic at the Suez and Panama Canals for the First Nine Months of the Fiscal Years 1937 and 1938

The following is a comparison of traffic at the Suez and Panama Canals for the first nine months of the fiscal years 1937 and 1938:

Month	Suez Canal				Panama Canal			
	Number of transits		Percent		Number of transits		Percent	
	1936–37	1937–38	Increase	Decrease	1936–37	1937–38	Increase	Decrease
July	466	551	18.2	.....	456	457	0.2	.....
August	471	532	13.0	.....	473	505	6.8	.....
September	479	522	9.0	.....	466	444	.....	4.7
October	490	557	13.7	.....	482	461	.....	4.4
November	511	525	2.7	.....	368	435	11.8	.....
December	508	541	6.5	.....	341	439	28.7	.....
January	575	544	.....	5.4	399	444	11.3	.....
February	524	508	.....	3.1	377	436	15.6	.....
March	580	578	.....	0.4	536	506	.....	5.6
Total	4,604	4,858	5.52	.....	3,898	4,127	5.87	.....

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices, including the 20 percent surcharge, to individuals and companies, as of May 12, 1938:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.23
Brass, sheet, average	Lb.	.34
Bronze, Tobin, average	Lb.	.23
Gasoline, motor grade	Gal.	.105
Metal, yellow	Lb.	.26
Oakum, Navy, spun	Lb.	.18
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.31
Oil, burning, Colza	Gal.	1.02
Oil, engine, gas, light, in drums, No. 2135	Gal.	.25
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.32
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.28
Oil, kerosene, in drums	Gal.	.10
Oil, marine, engine	Gal.	.38
Paint, lead, white, dry	Lb.	.11
Paint, lead, white, in oil	Lb.	.12
Paint, zinc oxide, dry	Lb.	.08
Paint, zinz oxide, in oil	Lb.	.12
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, No. 3, medium	Lb.	.06
Grease, yellow, cup, No. 5, hard	Lb.	.07
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.12
Waste, cotton, white	Lb.	.13

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES

OILS, FORCE FEED AND MOTOR CYLINDER

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motor cycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventative and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steamshovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from tanks of The Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $1.05 per barrel at Cristobal and Balboa; Diesel oil, $1.85 per barrel at Cristobal and Balboa.

Provisions Required by Ships

Commissary Division, Panama Railroad Company, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats (including native beef), ice, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices. A modern laundry service is also available.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery, or for delivery at the other terminal after transit.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repairs of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as ice, meats (including native beef), fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices. A modern laundry service is also available. Orders may be placed in advance by radio for prompt delivery on arrival at either terminal, or for delivery at the other terminal after transiting the Canal.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large, covered piers for the storage of cargo. These are modern structures: fireproof, rat proof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation

Information from American Consuls

The Consular officers of the United States at seaports all over the world are *ex officio* representatives of The Panama Canal for the purpose of furnishing information to shipping and allied interests as to conditions, charges, etc., at the Panama Canal affecting the operation of ships. The current publications of The Panama Canal of interest to shipping are furnished to the Consular officers and filed for reference.

It is not desired that inquiries of a general nature be addressed to the Consular officers, or that they be burdened with requests which should be made direct to The Panama Canal; but ships' operators who may not be sufficiently advised as to charges, supplies, facilities, etc., at the Canal will often save time by applying to the nearest American Consul.

Location of Patients and Visiting Hours at Gorgas Hospital

The following table shows the distribution of patients in the Gorgas Hospital buildings and the visiting hours for the various wards and sections:

Section and Ward	Visiting Hours
Section "A:"	
Ward 2	Wards: Tuesdays, Thursdays, and Saturdays, 2:30 to 4:30 p. m.; 6:30 to 7:30 p. m. Sundays and holidays, 9:30 to 11:30 a. m.; 2:00 to 4:00 p. m. Private rooms: Same as Section "B."
Ward 3	
Ward 4, Private rooms	
Section "B:"	
Ward 5, Male, private rooms, American boys	Daily, 9:30 to 11:00 a. m.; 2:00 to 4:30 p. m.; 6:30 to 8:00 p. m.
Ward 6, Foreign, male and female, private rooms, American girls	
Ward 7, White female, private rooms	
Ward 8, Obstetrical department, white females	
Nursery	No visitors permitted in nursery.
Section "C:"	
Ward 9, Colored, male	Colored wards: Wednesdays, Fridays, Sundays, and holidays, 1:00 to 2:30 p. m. Visitors from Atlantic Side may remain until 3:00 p. m.
Ward 10, White foreign, male	
Ward 11, Colored, male (surgical)	
Ward 12, Colored, male (medical)	
Ward 13, Colored, male, G. U.	
Ward 14, White, male, G. U.	Tuesdays, Thursdays, Saturdays, 2:30 to 4:30 p. m.; 6:30 to 7:30 p. m. Sundays and holidays, 9:30 to 11:00 a. m.; 2:30 to 4:30 p. m.; 6:30 to 7:30 p. m.
Section "D:"	
Ward 15, American, male (surgical)	Tuesdays, Thursdays, Saturdays, 2:30 to 4:30 p. m.; 6:30 to 7:30 p. m. Sundays and holidays, 9:30 to 11:00 a. m.; 2:30 to 4:30 p. m.; 6:30 to 7:30 p. m.
Ward 16, American, male (medical)	
Ward 17, Colored children	Wednesdays, Fridays, Sundays, and holidays, 1:30 to 3:00 p. m.
Ward 18, White children	Daily, 9:30 to 11:00 a. m.; 2:00 to 4:30 p. m.
Ward 19, Colored, female (medical)	Wednesdays, Fridays, Sundays and holidays, 1:00 to 2:30 p. m. Visitors from Atlantic Side may remain until 3:00 p. m.
Ward 20, Colored, female, surgical, obstetrical	
Isolation section	No visitors permitted except adults to visit tuberculosis patients, Thursdays, Sundays and holidays, 1:30 to 3:00 p. m.

Permission to visit outside of visiting hours may be granted upon application to the Superintendent's office.

Immediate relatives of seriously ill patients will be admitted at any time by and in the discretion of the attending physician, section nurse, and in her absence, the nurse in charge.

Postal and Telegraphic Address of The Panama Canal

The postal address is, "The Panama Canal, Balboa Heights, Canal Zone," or "The Panama Canal, Washington, D. C."

Mail for ships passing through the Canal or touching at either of the terminal ports should be addressed to "Cristobal, Canal Zone."

The cable and radio address of The Panama Canal, on the Isthmus, is "Pancanal, Panama;" in the United States, "Pancanal, Washington."

Density of Water in Balboa and Cristobal Harbors

Place.	Weight of sea water in ounces per cubic ft.			Rainy season. Average temperature. Degrees F.
	Average.	Maximum.	Minimum.	
Cristobal (between docks 8 and 9)	1018	1020	1013	84.0
Balboa (dock 18)	1011	1021	1005	83.0

(NOTE.—The above is based on two months' observations at Cristobal and Balboa. Average taken at 12-foot depth. Minimum occurred after heavy rain at 3-foot depth at Cristobal and 12-foot depth at Balboa. The weight of a cubic foot of fresh water at 85° F. is 995 ounces.

Trips Through the Canal

The following lines operating passenger vessels through the Canal carry local passengers from one terminal to the other: Dollar Line, Grace Line, Hamburg-American Line, Johnson Line, Navigazione Generale Italiana, North German Lloyd, Pacific Steam Navigation Co., Panama Mail Steamship Co. The Panama-Pacific Line carries such passengers from Balboa to Cristobal only. The Hamburg-American Line, North German Lloyd, Panama Mail Line, Dollar Line, Grace Line, and Johnson Line, charge $6 for the trip, the others $10 for first-class passage. The Panama-Pacific Line has also a rate of $6 for tourist class. The several services together afford about 4 transits of the Canal each way every week.

Hours of Departure of Passenger Trains

Following are the hours of departure of the regular passenger trains of the Panama Railroad running between the Atlantic and the Pacific sides:

From Colon: Daily, 7:25 a. m.; 11 a. m.; 5 p. m.; 10 p. m.

From Panama: Daily, 7:10 a. m.; 1:10 p. m.; 5 p. m.; 7:55 p. m.

The time required for passage from one terminal to the other is 1 hours and 25 minutes.

THE PANAMA CANAL RECORD

OFFICIAL PUBLICATION OF THE PANAMA CANAL

PUBLISHED MONTHLY

Subscription rates, domestic, $0.50 per year; foreign, $1.00; address The Panama Canal Record, Balboa Heights, Canal Zone, or, for United States and foreign distribution, The Panama Canal, Washington, D. C.

Entered as second-class matter February 6, 1918, at the Post Office at Cristobal, C. Z., under the Act of March 3, 1879.

Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Volume XXXI Balboa Heights, C. Z., June 15, 1938 No. 11

Traffic Through the Panama Canal in May 1938

The total vessels of all kinds transiting the Panama Canal during the month of May 1938, and for the same month in the two preceding years, are shown in the following tabulation:

	May 1936	May 1937	May 1938		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	488	544	248	217	465
Small commercial vessels [1]	64	70	47	34	81
Noncommercial vessels:					
United States Government	81	44	22	20	42
Colombian Government	.....	4	.....	.....	.....
For repairs	4	2	3	4	7
Total	637	664	320	275	595

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the 12 months ended May 31, 1938, as compared with the previous 12 months:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8
June	481	472	2,449,127	2,450,018	2,459,752	2,670,466	$2,073,359.39	$2,070,337.89
July	456	457	2,364,539	2,395,306	2,450,324	2,476,366	1,999,105.18	2,029,642.45
August	473	505	2,398,306	2,597,119	2,396,331	2,780,603	2,051,540.28	2,195,308.87
September	466	444	2,428,317	2,312,725	2,526,366	2,385,142	2,045,440.82	1,935,673.78
October	482	461	2,499,678	2,359,406	2,463,069	2,438,788	2,081,758.23	1,981,087.87
November	368	435	1,768,738	2,280,565	1,747,368	2,185,283	1,488,054.25	1,893,462.00
December	341	439	1,655,501	2,238,271	1,538,503	2,046,170	1,366,388.58	1,845,048.20
January	399	444	1,915,787	2,219,496	1,855,937	2,095,402	1,598,323.51	1,837,894.72
February	377	436	1,940,611	2,154,222	1,839,788	1,998,827	1,602,306.30	1,786,611.45
March	536	506	2,770,451	2,311,526	3,016,418	2,268,548	2,355,149.04	2,015,585.34
April	473	487	2,460,549	2,258,836	2,652,880	2,279,235	2,067,026.68	1,961,456.58
May	544	465	2,839,127	2,150,228	2,950,925	2,309,171	2,376,706.36	1,886,825.66
Total	5,396	5,551	27,490,731	27,727,718	27,897,661	27,934,001	23,105,158.62	23,438,934.81

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons (Panama Canal measurement), which transited the Panama Canal during the month of May 1938. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	47	2,135	$1,804.14	1,467
Pacific to Atlantic	34	1,986	1,718.10	2,051
Total	81	4,121	3,522.24	3,518

Traffic by Nationality of Vessels[3] for May 1938

Nationality	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
British	113	617,814	$538,675.68	559,880
Chilean	1	5,018	4,516.20	737
Danish	15	61,844	55,659.60	72,670
French	8	33,468	33,835.70	41,238
German	37	146,597	130,439.16	136,172
Greek	12	51,857	46,671.30	93,919
Honduran	2	3,254	2,635.74	844
Italian	4	24,877	22,389.30	7,644
Japanese	20	113,618	100,642.68	118,140
Netherland	22	47,357	42,621.30	40,924
Norwegian	67	306,342	258,898.68	346,331
Panamanian	13	19,877	16,963.20	22,185
Swedish	11	43,990	37,884.96	55,703
United States	138	665,497	587,055.96	797,434
Yugoslav	2	8,818	7,936.20	15,350
Total	465	2,150,228	1,886,825.66	2,309,171

[3] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Trade Routes for May 1938

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	46	223,337	157,734	38	192,852	285,698
East coast United States and:						
Canada	3	13,463	9,743			
Central America	5	12,204		4	9,101	5,842
South America	17	75,289	13,732	22	93,840	229,186
Balboa	1	4,950	6,614			
Hawaiian Islands	3	13,427	12,055	8	38,615	64,071
Australasia	5	32,516	25,676			
Philippine Islands	8	43,731	36,149	18	94,299	126,058
Far East	49	238,217	363,610	2	9,865	9,439
Canadian intercoastal				1	5,462	7,461
East coast Canada and:						
South America				1	6,332	13,100
Australasia	1	5,580	4,972	2	11,175	13,592
Far East	1	6,379	7,032			
South American intercoastal	6	21,518	37,358			
East coast South America and:						
United States	1	5,848				
Canada	2	8,381	8,983			
Far East	1	4,949	3,987			
Cristobal and:						
Central America	4	2,601	2,788	3	1,946	2,352
South America	15	8,752	4,078	15	9,271	11,106
West Indies and:						
United States	1	6,499		4	22,798	46,057
Central America	1	1,519				
South America	2	6,749	3,200	1	6,666	14,008
Balboa	1	5,900	4,229			
Far East	2	6,068	12,154			
Europe and:						
United States	16	74,372	2,384	10	35,897	53,745
Canada	25	134,748	30,218	35	177,419	260,029
Central America	1	2,278	3,232	1	2,982	3,154
South America	22	114,811	40,851	27	139,171	220,409
Hawaiian Islands				1	6,186	13,428
Australasia	8	57,971	32,711	13	94,645	82,915
Far East				1	5,743	7,925
Egypt and South America				1	4,692	9,750
Around the world				4	42,967	6,356
Foreign vessels in ballast (U. S. intercoastal)	1	4,643				
Vessels not engaged in commerce				[4] 5	1,784	
Total	248	1,136,520	823,490	217	1,013,708	1,485,681

[4] Three naval vessels, 10,477 displacement tons; two yachts.

Origin and Destination of Cargo by Major Areas

The following table summarizes the origin of cargo passing through the Canal in May 1938, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	164,575	27,807	397,560	12,758	29,776	632,476
Other North America	2,448	7,871	15,272	24,811	4,972	55,374
Europe	22,909	11,785	.....	28,797	28,611	92,102
Miscellaneous	8,365	334	3,965	30,874	.....	43,538
Total	198,297	47,797	416,797	97,240	63,359	823,490

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	282,511	52,252	160,168	2,246	497,177
Canada	.....	9,913	145,613	1,018	156,544
Other North America	70,542	3,058	19,606	.....	93,206
South America	226,439	41,737	219,527	9,856	497,559
Australasia	11,728	6,898	77,881	.....	96,507
Asia	133,817	2,893	7,495	483	144,688
Total	725,037	116,751	630,290	13,603	1,485,681

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during May 1938 or May 1937 are listed below:

Commodity	May		Commodity	May	
	1937	1938		1937	1938
Atlantic to Pacific			*Pacific to Atlantic*—Continued		
Asphalt and tar	11,075	5,516	Canned food products	94,428	55,740
Automobiles and parts	22,729	17,516	Coffee	18,442	17,284
Canned food products	11,241	8,337	Cold storage food products [5]	23,165	34,734
Cement	18,332	9,395	Copra	20,786	15,512
Chemicals	12,093	10,385	Cotton, raw	11,306	6,860
Coal and coke	15,382	2,298	Flour	38,231	11,975
Cotton, raw	12,412	5,448	Fruit, dried	15,746	16,569
Iron and steel	208,474	131,374	Fruit, fresh [6]	9,559	37,914
Machinery	14,438	11,516	Lumber	288,694	219,831
Metals, various	87,565	41,468	Metals, various	56,882	49,205
Oils, mineral	82,584	71,656	Molasses and syrups	1,040	13,840
Paper	33,214	24,029	Nitrates	122,300	153,183
Phosphates	70,699	32,922	Oats	12,665	6,855
Scrap metal	387,929	236,718	Oils, mineral	272,746	237,230
Sulphur	52,706	7,588	Oils, vegetable	16,031	11,926
Tinplate	37,111	20,323	Ores	124,369	188,784
Wood pulp	8,820	10,674	Paper	16,406	5,892
Pacific to Atlantic			Phosphates	7,606	15,300
Asphalt and tar	10,750	11,209	Skins and hides	10,243	3,451
Barley	2,369	14,084	Sugar	162,069	156,855
Beans, edible, dry	14,361	12,243	Wheat	79,797	59,795
Borax	18,408	6,591	Wood pulp	20,198	21,363
			Wool	23,468	18,086

[5] Except fresh fruit. [6] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of May 1938, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo"; the statistics

are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	59	52	196
Agricultural implements	525	7	2,654	27
Alfalfa meal	.....	547	.....	934
Ammonium compounds	261	5	5,494	5
Animal foods [7]	14	70	14	70
Apparel, wearing (hats, shoes, clothing, etc.)	23	.....	23	18
Asbestos	1,140	25	2,606	25
Asphalt and tar	496	10,945	5,516	11,209
Automobiles (and autotrucks)	1,528	.....	11,308	35
Automobile parts and accessories	263	32	6,208	47
Bags and bagging, textile	192	.....	277	.....
Bamboo and products	.....	.....	.....	428
Bananas	.....	.....	.....	7,251
Barks, miscellaneous	30	66	35	418
Barley	5	.....	5	14,084
Beans, edible, dry	22	2,843	25	12,243
Beer	26	.....	129	.....
Beverages, nonalcoholic	39	.....	62	3
Blood and tankage	.....	.....	285	81
Bones and bone meal	.....	.....	37	203
Books and printed matter	94	.....	163	.....
Borax	.....	183	.....	6,591
Bran and pollards	20	.....	20	1,275
Bricks and tile	41	.....	503	7
Camphor, crude	.....	.....	.....	37
Canned and preserved goods:				
Fish	204	5,026	416	12,103
Fruit	813	13,796	1,097	30,836
Meat	46	385	1,469	800
Milk	.....	95	737	279
Soup	1,864	.....	1,966	16
Vegetables	331	4,261	352	4,391
Miscellaneous and unclassified	2,064	4,575	2,300	7,315
Carbon black	69	.....	670	.....
Celite	.....	549	.....	549
Cement	406	93	9,395	93
Chalk	135	.....	700	.....
Charcoal	77	30	78	30
Chemicals [7]	4,868	469	10,385	1,754
Clay, china and fire	536	516	538	1,200
Clay, filtering	485	84	512	164
Coal	.....	.....	505	.....
Cocoa and cacao beans	329	.....	1,170	3,470
Coconuts and products [7]	92	1,145	978	2,038
Coffee	287	3	7,110	17,284
Coke	.....	.....	1,793	199
Cold storage and refrigerated products:				
Dairy products	.....	.....	236	13,179
Eggs	.....	.....	.....	607
Fish	.....	.....	35	728
Lard	550	.....	620	74
Meats	.....	.....	185	19,792
Vegetables	.....	35	1	254
Other and unclassified	.....	.....	22	100
Confectionery	381	.....	408	.....
Copra	.....	.....	.....	12,512
Copra meal and cake	.....	.....	.....	3,000
Corn	112	.....	160	.....
Cotton, raw	67	225	5,448	6,860
Creosote	25	.....	61	.....
Drugs and medicines	1,861	50	2,125	54
Earthenware	6	.....	6	.....
Eggs, dried	28	.....	28	.....
Electrical apparatus and appliances	1,251	74	2,162	193
Enamelware and metalware	14	.....	133	218
Explosives	103	.....	713	.....
Extract, quebracho	.....	.....	795	.....
Fertilizers [7]	62	491	1,634	665
Fish, salted or dry cured	.....	.....	.....	2
Fish meal	.....	56	.....	147
Floor coverings	1,400	577	1,487	1,132
Flour	85	9,010	661	11,975
Fruit, dried	.....	5,729	2	16,569
Fruit, fresh [7]	.....	.....	1	37,914
Furniture and household goods	53	183	127	185
Gallnuts	.....	.....	.....	35

[7] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
General	17,445	10,994	46,689	17,519
Glass and glassware	2,387	42	4,446	647
Glue	51	18	61	77
Grains [7]	.....	.....	.....	300
Groceries	1,253	665	1,578	1,265
Gums	.....	.....	.....	301
Hair, all kinds	40	53	40	162
Hay	.....	45	20	112
Hemp, unmanufactured	102	.....	149	895
Honey	.....	156	.....	1,243
Hops	.....	.....	80	.....
Horns and hoofs	.....	.....	.....	36
Infusorial earth	.....	786	.....	1,146
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	60,556	296	131,374	660
Ivory nuts	.....	.....	443	1,564
Jute, unmanufactured	.....	.....	63	.....
Lard substitute	577	.....	577	13
Lime	.....	.....	54	.....
Liquors	3,475	307	4,614	315
Lumber (including manufactured mill products)	2,120	92,621	3,001	219,831
Machinery	1,823	110	11,516	335
Malt	.....	.....	207	.....
Manufactured goods [7]	4,722	200	8,825	876
Marble and granite	.....	.....	350	.....
Matches	138	199	235	199
Metals:				
Antimony	.....	.....	89	.....
Copper	156	4,030	3,415	30,039
Gold and silver	.....	.....	.....	169
Iron	940	.....	34,764	.....
Lead	18	786	1,172	14,986
Tin	172	139	406	366
Zinc	36	.....	1,037	3,561
Other and unclassified	412	.....	585	84
Milk, powdered	.....	333	25	524
Molasses and syrups	175	.....	220	13,840
Nitrates	608	.....	2,858	153,183
Nuts, edible (including meats)	.....	254	150	326
Oats	54	178	72	6,855
Oils, mineral:				
Crude	.....	9,975	1,703	77,768
Gas and fuel	.....	.....	38,968	13,878
Gasoline, benzine, and naphtha	62	44,590	9,741	104,596
Kerosene	.....	9,235	1,156	40,015
Lubricating and greases	8,053	645	20,088	973
Oils, vegetable:				
Coconut	.....	450	18	7,035
Cottonseed	.....	.....	470	.....
Linseed	43	.....	119	.....
Olive	67	.....	591	.....
Peanut	.....	.....	.....	79
Rapeseed	.....	.....	26	.....
Teaseed	.....	.....	45	285
Wood	84	.....	90	2,601
Other and unclassified	613	750	809	1,926
Oil, fish	51	.....	114	537
Oil, whale	801	.....	801	.....
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	.....	676	220
Oilseed cake and meal	1,228	.....	1,231	1,475
Ores:				
Antimony	.....	.....	27	191
Chrome	.....	.....	.....	13,000
Copper	.....	.....	.....	5,539
Gold and silver	.....	.....	.....	4,576
Iron	.....	.....	7,400	149,800
Lead	.....	.....	.....	3,086
Magnesite	.....	161	35	161
Manganese	.....	244	.....	1,186
Tin	54	.....	54	5,036
Zinc	40	.....	41	4,364
Other and unclassified	.....	12	568	1,845
Paints and varnishes	1,124	99	2,995	157
Paper and paper products	11,672	5,049	24,029	5,892
Peanuts	980	36	996	171
Peas, dry	.....	.....	.....	1,269
Peatmoss	.....	.....	952	.....
Phosphates	398	.....	32,922	15,300
Plaster	.....	.....	89	.....
Porcelainware	255	54	966	1,536
Potash	33	735	33	735
Rags and waste	30	14	96	147

[7] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Railroad material	20	.....	1,296	9
Rice	1,598	68	2,452	832
Rope and twine	397	31	470	45
Rosin	1,178	.....	2,787	.....
Rubber:				
Manufactured	514	302	809	399
Raw	.....	.....	45	6,111
Scrap	.....	.....	123	8
Salt	285	177	2,095	2,933
Sand	1,016	.....	2,516	25
Scrap metal	587	168	236,718	1,441
Seeds (except oilseeds)	.....	180	236	790
Sewer pipe (concrete and terra cotta)	.....	.....	48	.....
Shells, oyster	990	.....	1,145	127
Silk, raw	.....	1	.....	1,194
Skins and hides	4	1,510	803	3,451
Slag	.....	.....	2,000	.....
Slate	1,579	.....	1,579	.....
Soaps and products	1,433	.....	1,548	73
Soda and sodium compounds:				
Soda ash	219	.....	419	.....
Soda, caustic	495	.....	1,216	.....
Miscellaneous and unclassified	388	.....	914	58
Soy beans	25	.....	25	.....
Sugar	172	9,973	8,670	156,855
Sulphur	108	.....	7,588	50
Talc	59	61	65	242
Tallow	.....	211	.....	3,014
Tea	467	15	626	417
Textiles [8]	2,053	.....	5,401	2,035
Tinplate	3,559	.....	20,323	.....
Tobacco and manufactures	382	58	5,617	1,124
Toilet preparations	48	8	100	8
Turpentine	192	.....	409	.....
Vegetables, dry [7]	.....	.....	21	332
Wallboard	99	.....	224	2,041
Wax, paraffin	352	500	1,842	568
Wheat	.....	185	36	59,795
Wines	44	514	226	1,544
Wood pulp	136	16,981	10,674	21,363
Wool	5	5,068	823	18,086
Total, May 1938	164,575	282,511	823,490	1,485,681
Total, May 1937	307,813	452,292	1,325,674	1,625,251
Total, May 1936	254,554	432,914	716,525	1,703,127

[7] Except as otherwise classified. [8] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows, according to trade route, the tanker traffic through the Canal during the month of May 1938:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	5	28,245	.....	8	45,332	[9] 75,692
East coast United States and:						
South America	1	7,595	.....	.....	.....	.....
Balboa	1	4,950	6,614	.....	.....	.....
South American intercoastal	4	19,551	36,170	.....	.....	.....
East coast South America and United States	1	5,848	.....	.....	.....	.....
West Indies and:						
United States	1	6,499	.....	4	22,798	46,057
South America	1	5,136	.....	1	6,666	14,008
Balboa	1	5,900	4,229	.....	.....	.....
East coast Canada and South America	.....	.....	.....	1	6,332	13,100
Europe and:						
United States	7	42,110	.....	3	16,160	30,677
South America	3	21,695	.....	5	35,016	67,717
Hawaiian Islands and Europe	.....	.....	.....	1	6,186	[10] 13,428
Total	25	147,529	47,013	23	138,490	260,679

[9] Includes 10,925 tons petrolastic asphalt. [10] Molasses.

Comparison of Canal Traffic in May 1938, with May Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of May			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	[11] 137	475	584	1915	[12] 100	361	466
1916	123	385	480	1916	60	199	258
1917	140	468	596	1917	145	483	588
1918	193	658	758	1918	165	547	627
1919	166	566	642	1919	162	510	576
1920	219	852	975	1920	199	712	781
1921	206	864	793	1921	232	950	966
1922	236	1,032	1,158	1922	222	951	907
1923	415	2,128	2,265	1923	325	1,550	1,631
1924	410	2,085	2,354	1924	429	2,179	2,249
1925	366	1,847	1,823	1925	382	1,904	1,996
1926	456	2,242	2,416	1926	424	2,064	2,169
1927	447	2,247	2,378	1927	441	2,184	2,311
1928	498	2,273	2,496	1928	521	2,453	2,468
1929	515	2,496	2,536	1929	524	2,485	2,554
1930	470	2,418	2,261	1930	502	2,497	2,502
1931	411	2,183	1,924	1931	447	2,314	2,089
1932	345	1,956	1,676	1932	364	1,968	1,650
1933	342	1,882	1,628	1933	347	1,900	1,513
1934	459	2,566	2,302	1934	436	2,379	2,059
1935	424	2,366	2,292	1935	432	2,317	2,109
1936	488	2,504	2,420	1936	449	2,335	2,209
1937	544	2,839	2,951	1937	467	2,404	2,507
1938	465	2,150	2,309	[13]	462	2,298	2,297

[11] Canal opened August 15, 1914. [12] Average for 10½ months. [13] Average for 11 months of fiscal year 1938.

Terminal Activities

Ships which completed repairs during the month of May 1938 numbered 65. Vessels released from drydock numbered 13. Fuel and Diesel oil amounting to 204,763 barrels was delivered as bunkers to 121 commercial ships. Bunker coal amounting to 9,499 tons was delivered to 29 commercial ships. Sales of commissary supplies to ships aggregated $42,793.

Cargo Handled at Terminal Ports, May 1938

	Cristobal	Balboa	Total
Local cargo arriving ... tons	17,005	6,434	23,439
Local cargo shipped ... tons	3,367	931	4,298
Cargo received for transshipment ... tons	48,429	489	48,918
Cargo transshipped ... tons	48,624	451	49,075
"Canal Zone for Orders" cargo:			
Number of receipts issued	5	4	9
Number of releases issued	67	12	79
Tons received	4	16	20
Tons withdrawn	84	13	97

All Vessels Entering and Clearing Port, May 1938

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	541	3,231,451	1,931,967	510	2,927,749	1,765,466
Vessels entering port but not transiting Canal	57	345,583	191,839	7	22,324	15,036
Vessels transiting Canal and handling passengers and cargo at terminal ports	141	840,905	500,289	106	698,433	416,285
Ships clearing						
All vessels, including those transiting Canal	547	3,227,738	1,925,552	507	2,903,603	1,748,657
Vessels clearing port but not transiting Canal	59	379,851	210,208	7	22,284	14,996
Vessels transiting Canal and handling passengers and cargo at terminal ports	142	820,045	486,513	104	680,009	405,535

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight May 10, 1938, to midnight June 10, 1938. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

San Angelo, 8, 0
Orbita, 11, 909
Vermont, 724, 24
Ancon, 2,418, 973
Trois Ilets, 295, 38
Santa Barbara, 240, 201
Deroche, 1,308, 0
Norden, 306, 0
Manizales, 1,183, 561
Ino, 469, 199
Mantilla, 3,936, 0
Cuba, 60, 1
Jamaica, 172, 746
Sixaola, 590, 69
Misoa, 6,047, 0
Davisian, 151, 0
Weser, 463, 484
Chiriqui, 333, 188
San Gil, 560, 0
Talamanca, 191, 58
San Rafael, 556, 0
Costa Rica, 34, 1,212
Bodegraven, 90, 1,674
Nero, 430, 67
Matinicock, 10,456, 0
San Jose, 331, 218
Cuba, 0, 176
John Worthington, 1,493, 0
Chester Valley, 1,171, 529
Santa Elena, 36, 4½
Roda, 70, 85
Goslar, 0, ½
Palatia, 0, 591
Hindenburg, 0, 902
Kansai Maru, 282, 63
Pasajero, 0, 7
Salvador, 0, 416
Real, 0, 23
Contessa, 289, 1,007
Istmo, 1,165, 55
Port Antonio, 1, 286
Munsterland, 111, 0
Loreto, 2, 211
Kiyokawa Maru, 0, 35
Portland, 29, 733
Bogota, 8, 251
Guayaquil, 2,016, 680
Fella, 56, 0
Reina del Pacifico, 93, 10
Veragua, 60, 1,125
Durazzo, 1,315, 0
Ulua, 1,272, 469
Santa Rita, 390, 313
Quirigua, 142, 93
Troja, 26, 291
Clio, 617, 577
Yamazato Maru, 313, 0
Wisconsin, 519, 0
Virgilio, 91, 6
Trois Ilets, 311, 61
Zacapa, 525, 0
Knute Nelson, 264, 406
Geisha, 341, 24
Buenos Aires, 50, 210
Illinois, 1,290, 0
Gertrude Maersk, 221, 0
Ammon, 27, 385
Simon Bolivar, 67, 80
San Marcos, 332, 37
Santa Inez, 65, 39
Santa Rosa, 98, 55
Steelore, 8,743, 0
Alaska, 73, 369
Boskoop, 0, 159
Sambu, 51, 0
El Oso, 11,970, 0
Caymanian, 6½, 0
Annetta I, 0, 42
Suecia, 7, 314
Nuevo Panama, 0, 100
Cefalu, 315, 990
Acajutla, 427, 594
Duesseldorf, 55, 330
Mantilla, 6,296, 0
Pereira, 1,217, 665
Cristobal, 2,198, 946
Alabama, 1, 12
Santa Lucia, 320, 100
Axel Johnson, 64, 197
Ino, 374, 137
R. L. Hustler, 1½, 0
Cerigo, 1,436, 1,024
Durazzo, 1,290, 0
Chiriqui, 108, 2,040
Santa Marta, 1,332, 130
Metapan, 469, 0
Sesostris, 58, 1,381
Oakland, 344, 295
Nero, 298, 47
Dinteldijk, 765, 138
Fernglen, ½, 0
Tai Yin, 504, 0
Istmo, 801, 169
Jamaica, 275, 63
City of Dalhart, 166, 0
Lochgoil, 288, 232
Vancouver, 338, 511
Simon Bolivar, 11, 1,119
Helder, 90, 794
Pasajero, 53, 12
Cordillera, 204, 44
Canada, 0, 43
Margaret Lykes, 686, 172
Senator, 220, 85
De La Salle, 147, 812
San Diego, 203, 86
Vinni, 601, 130
Santa Paula, 104, 1
Keiyo Maru, 510, 0
Santa Clara, 264, 2¼
Amerika, 9, 90
City of Delhi, 289, 260
Orduna, 36, 1,111
Contessa, 396, 755
Lagarto, 175, 0
Gansfjord, 0, 524
Santa Maria, 270, 170
Grete Maersk, 510, 0
Hermonthis, 63, 294
Nero, 605, 21
Laurits Swenson, 23, 50
Buenaventura, 1,837, 410
Manizales, 1,187, 389
Smaragd, 546, 580
Talamanca, 135, 1,028
Toloa, 1,020, 576
Darien, 485, 0
Istmo, 799, 296
Clio, 575, 347
Nankai Maru, 458, 143
San Lucas, 688, 0
Trois Ilets, 348, 0
Veragua, 318, 181
Elbe, 115, 376
Ville d'Amiens, 1, 92
Nuevo Panama, 253, 53
Santa Elena, 179, 14
Cordillera, 10, 1,016
Pasajero, 53, 10
Este, 77, 2,088
Santa Barbara, 153, 3
San Clemente, 9, 0
Salvador, 955, 626
Alkmaar, 0, 88
Gansfjord, 0, 688
Crynssen, 75, 4
Cefalu, 207, 865
Leipzig, 49, 737
Friesland, 7, 128
West Cactus, 63, 46
Wyoming, 598, 339
Lochmonar, 460, 335
Bethore, 9,783, 0
Oklahoman, 64, 0
Bogota, 1,376, 258
Dessau, 2,022, 0
Ancon, 3,685, 1,119
Santa Inez, 290, 56
Quirigua, 63, 1,755
Kano Maru, 242, 0
Ino, 388, 38
Bennekom, 346, 614
Tropic Sea, ½, 0
Sixaola, 1,053, 353
Damsterdijk, 212, 51
Istmo, 788, 173
Nero, 450, 180
Abangarez, 470, 0

BALBOA

Meton, 4,633, 0
Santa Barbara, 147, 28
John Worthington, 3,665, 0
Bodegraven, 84, 0
Chiriqui, 331, 0
Portland, 257, 0
Gertrude Maersk, 157, 0
Brazos, 7,852, 0
Santa Rita, 161, 0
Geisha, 1,739, 0
Zacapa, 0, 1
Republic, 845, 348
Pereira, 0, 8
Acajutla, 2, 0
Dresden, 157, 0
Tai Yen, 95, 0
Santa Lucia, 81, 0
City of Dalhart, 94, 0
Nitro, 4, 0
Rangitane, 16, 0
Helder, 209, 0
Chateau Thierry, 93, 48
Santa Clara, 6, 0
Grete Maersk, 171, 0
Vega, 183, 33
Santa Maria, 143, 0
St. Mihiel, 124, 3
Takaka Maru, 27, 0
Laurits Swensen, 0, 65
West Nilus, 1,259, 0
West Cape, 1,687, 59
Sirius, 30, 0
Snaragd, 0, 4
Santa Barbara, 16, 0
Salvador, 2, 0
Vinland, 60, 0
Santa Inez, 140, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean-ship passengers disembarking at Canal ports during May 1938 numbered 2,454 at Cristobal and 687 at Balboa; embarking, 2,534 at Cristobal and 767 at Balboa. Passengers passing through the Canal numbered 1,914 from the Atlantic to the Pacific, and 6,487 from the Pacific to the Atlantic. Aircraft numbering 55 entered Cristobal and 227 disembarked; clearances were 51, with 190 embarking. At Balboa, entries of aircraft numbered 54, with 136 disembarking; clearances were 54, with 91 embarking.

Comparison of Traffic at the Suez and Panama Canals for the First Ten Months of the Fiscal Years 1937 and 1938

Month	Suez Canal				Panama Canal			
	Number of transits		Percent		Number of transits		Percent	
	1936–37	1937–38	Increase	Decrease	1936–37	1937–38	Increase	Decrease
July	466	551	18.2	.....	455	457	0.2	.....
August	471	532	13.0	.....	473	505	6.8	.....
September	479	522	9.0	.....	466	444	.....	4.7
October	490	557	13.7	.....	482	461	.....	4.4
November	511	525	2.7	.....	368	435	11.8	.....
December	508	541	6.5	.....	341	439	28.7	.....
January	575	544	.....	5.4	399	444	11.3	.....
February	524	508	.....	3.1	377	436	15.6	.....
March	580	578	.....	0.4	536	506	.....	5.6
April	621	516	.....	16.9	487	473	3.0	.....
Total	5,225	5,374	2.9	.....	4,371	4,614	5.6	.....

Movements of Ocean Vessels Through the Panama Canal

From midnight May 10, 1938, to midnight June 10, 1938

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Munchen [2]	10	11	Ger	North German Lloyd	Hamburg, Ger	Corral, Chile	General	2,699
Meton [1]	10	12	Amer	Shell-East. Pet. Co	Houston, Tex	Balboa, C. Z	Diesel oil	6,614
Point Estero	11	11	Amer	Swayne & Hoyt	Mobile, Ala	Seattle, Wash	General	4,424
Iowan	11	11	Amer	Amer.-Hawaiian Line	Boston, Mass	Portland, Oreg	General	2,627
Tasmania [2]	11	11	Dan	Kawasaki K. Kaisha	New Orleans, La	Kobe, Japan	(14)	5,853
Minerva [2]	11	11	Nor	Chile Nit. Sales Corp	Newp't News, Va	Tocopilla, Chile	Ballast	
Honolulan	11	11	Amer	Amer.-Hawaiian Line	Jacksonville, Fla	S. Francisco, Cal	General	2,084
Tuira [2]	10		Pan	Elliot Ship. & Land Co	Cristobal, C. Z	Balboa, C. Z	Ballast	
La Union [2]	10		Pan	A. A. Valdes	Cristobal, C. Z	Balboa, C. Z	Ballast	
Dolores [5]	10		Amer	U. S. Army	Cristobal, C. Z	Gatun, C. Z	Ballast	
Sona [2]	10		Pan	Elliot Ship. & Land Co	Cristobal, C. Z	Balboa, C. Z	Ballast	
Real [2]	10	11	Pan	Elliot Ship. & Land Co	Cristobal, C. Z	Aguadulce, R. P	General	23
Pirate [2]	6		Pan	E. J. Hooper	Cristobal, C. Z	Gatun, C. Z. [13]		20
Sambu [2]	10		Pan	E. J. Hooper	Cristobal, C. Z	Gatun, C. Z. [13]		25
Nathan [2]	10		Pan	E. J. Hooper	Cristobal, C. Z	Gatun, C. Z. [13]		20
Orbita	11	12	Brit	Pacific Steam Nav. Co.	Liverpool, Eng	Valparaiso, Chile	General	1,803
Dr. Brinkley [6]	11	14	Amer	Dr. J. R. Brinkley	Galveston, Tex	Galapagos Is	Ballast	
Lahaina	12	12	Amer	Matson Nav. Co	Galveston, Tex	S. Francisco, Cal	Ballast	
Santa Barbara [2]	12	13	Amer	Grace Line	New York, N. Y	SanAntonio,Chile	General	2,774
Arimasan Maru [2]	12	13	Jap	Mitsui Line	Philadelphia,Pa	Moji, Japan	General	4,604
Tokai Maru [2]	13	13	Jap	Osaka Shosen Kaisha	Boston, Mass	Kobe, Japan	General	5,443
Paul Luckenbach	13	13	Amer	Luckenbach Line	Boston, Mass	Tacoma, Wash	General	3,800
Steel Seafarer	13	13	Amer	Isthmian S. S. Lines	Baltimore, Md	Batavia, Java	General	8,068
Helga	13	13	Dan	J. Lauritzen	New York N. Y	Valparaiso, Chile	General	1,289
Daylight [1] [2]	12	13	Amer	Socony-Vac. Oil Co	Curacao, N.W.I	Los Angeles, Cal	Ballast	
Thorshov [1] [2]	13	13	Nor	Union S.S. Co. of N.Z.	Liverpool, Eng	Los Angeles, Cal	Ballast	
Point Ancha	13	13	Amer	Swayne & Hoyt	Mobile, Ala	Seattle, Wash	General	5,542
Langleetarn	13	13	Brit	W. Rountree, Inc	Philadelphia, Pa	Dairen, China	(15)	8,147
Mount Taurus	13	14	Greek	Hasegawa Co	New York, N. Y	Kaimashi, Japan	Scrap iron	8,500
Bradford City [2]	14	14	Brit	Mitsuibishi Line	Tampa, Fla	Yokohama,Japan	Phosphate	9,024
Vermont	11	14	Amer	Calif. & Eastern Line	New York, N. Y	Tacoma, Wash	General	3,577
Heffron	14	14	Amer	Pac. Coast Dir. Line	New York, N. Y	Seattle, Wash	(16)	4,934
Dionyssios Stathatos.	14	14	Greek	D. Stathatos & Co	Baltimore, Md	Osaka, Japan	Scrap iron	7,522
Foylebank [2]	14	14	Brit	Bank Line, Ltd	Boston, Mass	Shanghai, China	General	2,780
Ino [2]	12	14	Neth	Royal Neth. S. S. Co.	Cristobal, C.Z	Guayaquil, Ecua	General	
Misca [1]	13		Brit	West India Oil Co	Aruba, N. W. I	Balboa, C. Z	Drydocking	
Atenas	14	15	Amer	United Fruit Co	Chester, Pa	Pto.Arm'les, R.P.	Ballast	
Mostun [2]	14	14	Nor	Neptune Shipping Co.	Goth'burg, Swed	Los Angeles, Cal	Ballast	
Manizales	12	14	Ger	North German Lloyd	Cristobal, C. Z	Talara, Peru	General	510
Chiriqui [2]	13	14	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z	B'ventura, Col	General	380
Pennsylvanian	14	15	Amer	Amer.-Hawaiian Line	Boston, Mass	Seattle, Wash	General	3,902
Bernhard [2]	14	15	Nor	A. Garson & Co	Habana, Cuba	Yokohama,Japan	Scrap iron	5,690
Sambu [2]	13		Pan	E. J. Hooper	Cristobal, C. Z	Gatun, C. Z. [13]		25
San Gil	13	15	Pan	United Fruit Co	Boston, Mass	Pto.Arm'les, R.P.	Ballast	
Steel Exporter	14	15	Amer	Isthmian S. S. Lines	Portland, Me	Tacoma, Wash.	Steel, gen	3,393
Remuera	15	16	Brit	N. Z. Shipping Co	London, England	Pt. Ch'mers,N.Z.	General	4,483
Queen City	15	15	Brit	Reardon-Smith Line	Pt. Arthur, Tex	Yawata, Japan	Scrap iron	7,824
San Rafael	14	15	Amer	Quaker Line	Albany, N. Y	Seattle, Wash	General	3,779
Nero [2]	14		Neth	Royal Neth. S. S. Co	Cristobal, C. Z	Balboa, C. Z	Drydocking	
Liberty Glo	15	15	Amer	McCormick S. S. Co	Philadelphia, Pa	James Is., B. C	General	4,289
Dalhanna	15	15	Brit	Seaboard Shipping Co.	Barry, England	N. Pac. Coast	Ballast	
Gregalia	15	15	Brit	Donaldson Line	Glasgow,Scotland	Vancouver, B. C	General	880
Trojan Star	16	16	Brit	Blue Star Line	London, England	Auckland, N. Z	General	5,508
Heranger [2]	16	16	Nor	Interocean Line	Rotterdam, Neth.	Portland, Oreg.	Ballast	
Svealand [2]	16	16	Swed	Ore S. S. Corp	Goth'burg, Swed	Cruz Gr'de, Chile	Ballast	
Edw. R. Brown [1] [2]	15	16	Brit	Stand.-Vac. Oil Co	Rotterdam,Neth.	S. Francisco, Cal	Ballast	
San Jose	15	16	Fr	French Line	Havre, France	Vancouver, B. C	General	4,202
Trois Ilets	11	16	Fr	French Line	Cristobal, C. Z	B'ventura,Col	General	38
Marore	16	16	Amer	Ore S. S. Corp	Baltimore, Md	Cruz Gr'de, Chile	Ballast	
Thrush [10]			Amer	U. S. Navy	Cristobal, C. Z	Balboa, C. Z	Ballast	
Salvador	10	17	Brit	Pacific Steam Nav. Co.	Cristobal, C. Z	Champ'ico, Guat.	General	416
John Worthington. [1]	15	18	Amer	Standard Oil of N. J	Baton Rouge, La.	Talara, Peru	Refined oil	(17)
Edgar F. Luckenbach. [1]	16	17	Amer	Luckenbach Line	Houston, Tex	Tacoma, Wash	General	5,616
Goslar	16	17	Ger	North German Lloyd.	New Orleans, La	Brisbane, Aust'lia	(18)	7,424
Bodegraven	14	18	Neth	Royal Neth. S. S. Co.	Hamburg, Ger	Valparaiso, Chile	General	2,356
Daldorch	17	17	Brit	Anglo-Can. S. S. Co	London, England	Vancouver, B. C	General	1,600
Chastine Maersk [2]	17	17	Dan	States Marine Corp	Texas City, Tex	Yokohama,Japan	Cotton,phos.	7,361
Porto Bello [3]	17	17	Pan	A. Tagaropulos	Cristobal, C. Z	Real, R. P	General	3
Hindenburg	16	18	Ger	Hamburg-Amer. Line	Hamburg, Ger	Hongkong, China	Cotton, oil	9,893
Heleni D	17	18	Greek	Hyman Nichels Co	Pensacola, Fla	Yawata, Japan	Scrap iron	7,036
Mauna Kea	18	18	Amer	Matson Nav. Co	Baltimore, Md	Honolulu, T. H	General	2,172
Janeta	18	18	Brit	Anglo-Can. S. S. Co	Barry, England	Vancouver, B. C	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [10] Mine sweeper. [13] For bananas and return to Cristobal. [14] Steel, cotton, etc. [15] Steel plates, nitrate. [16] Oil, steel, general. [17] 28,284 barrels of oil to be discharged at Balboa, C. Z. [18] General, fuel oil, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Marina [1] [2]	18	18	Nor	Standard Oil of N. J.	New York, N. Y.	Talara, Peru	Ballast	
Real [2]	17	18	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Aguadulce, R. P.	General	50
Tuira [2]	17		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Frank [3]	17		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	17		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Pirre [2]	17		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	17		Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]		25
J-52 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Isthmian	19	19	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,046
Fernbank [2]	19	19	Nor	Fern Line	Mobile, Ala.	Nagoya, Japan	Pig iron	7,200
Loreto [2]	19	19	Brit	Pacific Steam Nav. Co	Hull, England	Valparaiso, Chile.	General	3,176
Gryfevale	19	19	Brit	Chile Nit. Sales Corp.	Tyne, England	Tocopilla, Chile.	Ballast	
Chlore	19	20	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Pirate [3]	19		Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]		20
Lt. Col. H. C. Schumm. [4]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	
Kiyokawa Maru [2]	19	20	Jap	Kawasaki K. Kaisha.	Philadelphia, Pa.	Kobe, Japan	Cotton, iron.	3,857
Harpagon	20	20	Brit	States Marine Corp.	Baltimore, Md.	Yokohama, Japan	Scrap iron	8,253
Portland [2]	19	21	Ger	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	3,862
Athelchief [1] [2]	20	21	Brit	Brit. Bitumen Ref., Ltd	Liverpool, Eng.	Richmond, Calif.	Ballast	
Fella [2]	20	20	Ital	Italian Line	Trieste, Italy	Vancouver, B. C.	General	1,859
Harry Luckenbach	20	20	Amer.	Luckenbach Line	Boston, Mass.	Portland, Oreg.	General	3,566
Jutland	20	20	Brit	Seaboard Ship. Co.	Hull, England	Vancouver, B. C.	Ballast	
Flo [5]	20		Pan	W. L. Stilson	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
British Columbia Express. [2]	20	21	Nor	Fruit Express Line	London, England	Los Angeles, Cal.	Ballast	
Nero [2]	20	21	Neth	Royal Neth. S. S. Co.	Cristobal, C. Z.	Tumaco, Colom.	General	61
Loch Lomond	20	21	Brit	Maclay & McIntyre.	Barry, England.	Vancouver, B. C.	Ballast	
Anglo Peruvian	21	21	Brit	J. J. Moore	Tyne, England	Puget S'd, Wash.	Ballast	
Columbian	20	21	Amer.	Amer.-Hawaiian Line.	Savannah, Ga.	Seattle, Wash.	General	2,670
Niel Maersk [2]	21	21	Dan	A. P. Moller	Boston, Mass.	Cebu, P. I.	General	5,840
Troja	21	21	Ger	Hamburg-Amer. Line.	Hamburg, Ger.	La Union, Sal'dor	General	3,232
Durazzo	20	21	Ger	Hamburg-Amer. Line.	Cristobal, C. Z.	B'ventura, Col.	Ballast	
Bogota [2]	19	21	Ger	North German Lloyd.	Manaure, Colom.	Guayaquil, Ecua.	Gen., salt	
Kozui Maru [2]	21	21	Jap	United Ocean Transp.	Pt. Tampa, Fla.	Osaka, Japan	Phos. rock	7,062
Istmo	17	21	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	180
Virgilio [2]	21	22	Ital	Societa Italia	Genoa, Italy	Valparaiso, Chile.	General	731
Astra	21	22	Nor	N. Atl. Gulf S. S. Co.	New Orleans, La.	Guayaquil, Ecua.	Sugar	3,200
Yomachichi [2]	21	22	Amer.	Roosevelt S. S. Co.	Philadelphia, Pa.	Adelaide, Aust'lia	General	4,888
Jane Christensen	21	22	Amer.	Arrow Line	Baltimore, Md.	Seattle, Wash.	General	3,550
Mexican	22	22	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	Los Angeles, Cal.	General	3,000
Karmt [2]	22	22	Nor	Chile Nit. Sales Corp.	Pensacola, Fla.	Chile	Ballast	
Knoxville City	22	22	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Seattle, Wash.	General	1,836
Kirishima [2]	22	22	Jap	Kokusai Line	Philadelphia, Pa.	Kobe, Japan	General	7,677
Santa Rita [2]	20	22	Amer.	Grace Line	New York, N. Y.	Antof'gasta, Chile	(14)	1,523
Clio [2]	21	23	Neth	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	525
Zacapa	22	23	Amer.	United Fruit Co.	New York, N. Y.	Pto. Arm'les, R. P.	Ballast	
Port Hardy	22	23	Brit	Pacific Steam Nav. Co	Glasgow-Eng.	Timaru, N. Z.	Gen., steel	6,650
E. W. Niles [11]	23	26	Amer.	U. S. Army	Pensacola, Fla.	S. Francisco, Cal.	Mine anchors	
Calmar	22	23	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,718
Buenos Aires [2]	22	23	Swed.	Johnson Line	Goth'burg, Swed.	Vancouver, B. C.	General	3,128
Geisha [2]	22	24	Nor	Knut Knutsen O.A.S.	Goth'burg, Swed.	Valparaiso, Chile.	General	2,845
Malayan Prince [2]	23	23	Brit	Prince Line, Ltd.	New York, N. Y.	Osaka, Japan	General	6,039
Pacific Ranger [2]	23	23	Brit	Furness, Withy & Co.	Glasgow-Eng.	Vancouver, B. C.	General	778
Kinka Maru [2]	23	23	Jap	Kokusai K. Kaisha	New York, N. Y.	Kobe, Japan	Scrap metal	7,032
Nordbo [2]	18	23	Dan	Hasegawa & Co.	New York, N. Y.	Yawata, Japan	Scrap iron	7,645
Rio Novo	23	23	Nor	Chiavone Bonomo Cor.	Portsmouth, N.H.	Osaka, Japan	Scrap steel	4,226
San Marcos	22	23	Amer.	Quaker Line	Albany, N. Y.	Seattle, Wash.	General	3,155
Ammon	22	23	Ger	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	4,711
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
Alaska	23	24	Fr.	French Line	Havre, France	Talcahuano, Chile	Iron, gen.	1,551
Socony Vacuum [1]	23	24	Amer.	Socony Vac. Oil Co.	Albany, N. Y.	Los Angeles, Cal.	Ballast	
Temple Yard	23	24	Brit	Seaboard Ship. Co.	Hull, England	Vancouver, B. C.	Ballast	
Pereira	20	24	Pan	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	665
Tancred [2]	23	24	Nor	Mitsubishi S. Kaisha	New York, N. Y.	Osaka, Japan	Scrap iron	8,790
Fernciff [2]	24	24	Nor	Chile Nit. Sales Corp.	Wilmington, N.C.	Tocopilla, Chile.	Ballast	
San Cirilo [2]	24	24	Brit	Eagle Oil & Ship. Co.	Manchester, Eng.	Los Angeles, Cal.	Ballast	
Norseman [2]	24	24	Pan	Godager	Pto. Padre, Cuba	Yokohama, Japan	Scrap iron	6,464
Steelore	23	24	Amer.	Ore S. S. Corp.	Newp't News, Va.	Cruz Gr'de, Chile	Ballast	
L-53 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
M-238 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Porto Bello [3]	24	24	Pan	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Suecia [2]	24	25	Swed.	Johnson Line	Goth'burg, Swed.	Valparaiso, Chile.	General	5,353
Bidwell [1] [2]	24	25	Amer.	Union Oil Co.	New York, N. Y.	Pt. San Luis, Calif.	Ballast	
American	25	25	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	Gen., steel	2,321
Telde	25	25	Hond.	United Fruit Co.	Galveston, Tex.	Pto. Arm'les, R. P.	Ballast	
Sambu [2]	23	25	Pan	Elliot Ship. & Land Co.	Sabine, Tex.	B'ventura, Col.	Gasoline, gen	52

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [11] Mine planter. [13] For bananas and return to Cristobal, C. Z. [14] General, explosives.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Penrith Castle [2]	25	25	Brit.	Barber Line	Baltimore, Md.	Hongkong, China	General	2,018
Brazos [1]	22	25	Amer.	U. S. Navy	Cristobal, C. Z.	Los Angeles, Cal.	Ballast	
Nuevo Panama [2]	24	25	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	160
Col. Riche [5]	23		Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Sambu [2]	24		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	Tow. barge	
Real [2]	24		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	([14])	
Tuira [2]	24		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
El Oso [1]	23	26	Brit.	Arrow Oil Co.	Curacao, N. W. I.	Peru	Ballast	
Mount Olympus	25	26	Greek.	Rethymnis Kuluk'dis.	New York, N. Y.	Yawata, Japan	Scrap iron	8,466
Ringar [2]	25	26	Nor.	Mitsubishi S. Kaisha	Philadelphia, Pa.	Dairen, China	Steel	8,350
San Calisto [1] [2]	26	26	Brit.	Anglo-Mex. Pet. Co.	Pernambuco, Bra.	Martinez, Calif.	Ballast	
Temple Mead	26	26	Brit.	Chile Nit. Sales Corp.	Liverpool, Eng.	Tocopilla, Chile	Ballast	
St. Jerneborg [2]	25	26	Dan.	C. K. Hansen	Norfolk, Va.	Moji, Japan	Scrap iron	7,873
Amerikaland [2]	26	27	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
California Express [2]	26	26	Nor.	Fruit Express Line	Hook of Holland	Los Angeles, Cal.	Ballast	
Dusseldorf [2]	25	26	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	3,639
Pirate [3]	26		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]		20
Santa Lucia	26	27	Amer.	Grace Line	New York, N. Y.	San Antonio, Chile	General	3,737
Golden Cloud	26	27	Amer.	Matson Nav. Co.	Baltimore, Md.	Hilo, T. H.	Tinplate, gen	2,849
Venice Maru	27	27	Jap.	Kawasaki K. Kaisha	Wilmington, Del.	Los Angeles, Cal.	Ballast	
Heimvard [2]	27	27	Nor.	Mitsubishi S. Kaisha	Texas City, Tex.	Yawata, Japan	Scrap iron	8,185
Ontariolite [1] [2]	27	27	Brit.	Imperial Oil Co.	Caripito, Venez.	Iquique, Chile	Fuel oil	12,004
Akaroa	27	28	Brit.	Shaw, Savill & Albion	London, England	Auckland, N. Z.	General	5,480
Siljestad [2]	27	27	Nor.	Fern Line	Mobile, Ala.	Kobe, Japan	Pig iron	7,200
P-14 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sessa	27	28	Dan.	Wessel, Duval & Co.	Baltimore, Md.	Talcahuano, Chile	General	2,031
Edward Luckenbach.	27	28	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	4,900
Harpoon	27	28	Amer.	Shepard Line	Albany, N. Y.	Seattle, Wash.	General	4,709
Trois Ilets	21	28	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	55
Trontolite [1] [2]	27	28	Brit.	Imperial Oil Co.	Barranquilla, Col.	B'ventura, Col.	Gasoline	3,957
American Oriole	28	28	Amer.	McCormick S. S. Co.	Norfolk, Va.	Seattle, Wash.	General	2,841
Point Salinas	28	28	Amer.	Gulf-Pacific Line	Corpus Ch'ti, Tex.	Tacoma, Wash.	General	6,089
Metapan	27	29	Amer.	United Fruit Co.	Boston Mass.	Pto. Arm'les, R. P.	Ballast	
Ino [2]	26	28	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	123
Minnesotan	28	28	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,243
Texas Sun [1] [2]	28	28	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	
Dinteldijk [2]	27	29	Neth.	Holland-Amer. Line	Rotterdam, Neth.	Vancouver, B. C.	General	1,825
Nero [2]	27	28	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	42
Frank [2]	28		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	27		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]		25
Olga E. Embiricos.	28	29	Greek.	C. Embiricos	New Orleans, La.	Kamaishi, Japan.	Scrap	7,520
Istmo	27	29	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	490
City of Singapore	28	29	Brit.	Ellerman & Bucknall.	New York, N. Y.	Dairen, China	General	6,323
Sveve [1] [2]	28	29	Nor.	Wilh. & Paul Jebsen.	Liverpool, Eng.	Los Angeles, Cal.	Ballast	
Nicolaou Virginia.	28	29	Greek.	George Nicolaou	Houston, Tex.	Kobe, Japan	Scrap iron	8,581
Evanger	29	29	Nor.	Westfal, Larsen & Co.	Buenos Aires, Arg.	Vancouver, B. C.	General	4,291
Nordnes [2]	29	29	Nor.	Can.-Gulf Line	New Orleans, La.	Kobe, Japan	Scrap steel	7,626
Vancouver	28	30	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	2,702
Moveria [2]	29	29	Brit.	Donaldson Line	Glasgow-England	Vancouver, B. C.	General	716
Helder	28	30	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Talcahuano, Chile	General	1,893
Nemea	29	30	Greek.	Stathatos & Co.	Boston, Mass.	Yawata, Japan	Scrap	7,503
Golden Horn	30	30	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	S. Francisco, Cal.	Steel, gen.	2,774
Villanger [2]	30	30	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	
Salamaua [2]	30	30	Brit.	Carpenter Line	Galveston, Tex.	Vancouver, B. C.	Sulphur, gen.	4,140
Brarena [1] [2]	30	30	Nor.	L. G. Broten	Caripito, Venez.	San Antonio, Chile	Fuel oil	9,570
Hanley	30	30	Amer.	Weyerhaeuser S. S. Co.	Boston, Mass.	Seattle, Wash.	Steel, gen.	5,557
Cerigo	29	30	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Callao, Peru	General	931
Copiapo [2]	30	31	Chile	Cia. Sud. Amer. de Vap.	Nakskov, Den.	Valparaiso, Chile.	General	737
Lena Luckenbach.	31	31	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	4,913
Amerika [2]	31	31	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	General	383
Porto Bello [3]	31	31	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Antares [15]	31	6–2	Amer.	U. S. Navy	Philadelphia, Pa.	San Diego, Calif.	General	28
Acajutla	24	1	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	594
Anglo Indian	31	1	Brit.	Can. Transp. Co.	Montreal, Canada	Victoria, B. C.	General	5,272
Nicolaou Ourania.	31	2	Greek.	G. Nicolaou	New York, N. Y.	Kobe, Japan	Scrap iron	9,020
Loosdrecht [1] [2]	31	1	Neth.	Phs. Van Ommersen Co.	Avonmouth, Eng.	S. Francisco, Cal.	Ballast	
Henry D. Whiton	1	1	Amer.	Union Sulphur Co.	Galveston, Tex.	Everett, Wash.	Sulph., rosin.	4,550
Stensby [2]	1	1	Dan.	Canadian Transp. Co.	Galveston, Tex.	Woodfibre, B. C.	Sulphur	2,250
Deroche [1]	1	1	Amer.	Union Oil Co. of Cal.	Chester, Pa.	Los Angeles, Cal.	Ballast	
Orduna	31	1	Brit.	Pacific Steam Nav. Co	Liverpool, Eng.	Valparaiso, Chile.	General	3,511
Tregarthen	1	3	Brit.	Norton, Lilly & Co.	Newp't News, Va.	Brisbane, Aust'lia	General	4,921
Tuira [2]	31		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	31		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	31		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [13] For bananas and return to Cristobal, C. Z. [14] Towing motor ship *Tuira*. [15] Auxiliary.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Sambu [2]	31	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	.....	25
Barge, No. 5441	31	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.	.....	.....
Pirate [3]	6-1	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	.....	20
Vega [8]	1	3	Amer.	U. S. Navy	Norfolk, Va.	Bremerton, Wash.	General	3,476
Steel Mariner	1	2	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Hilo, T. H.	Steel, gen.	2,880
Berganger [2]	2	2	Nor.	Interocean S. S. Line	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Alabaman	2	2	Amer.	Amer.-Hawaiian Line	New York, N. Y.	Portland, Oreg.	General	2,995
Goviken	2	2	Nor.	Wallen & Co	Baltimore, Md.	Moji, Japan	(14)	6,498
Victoria City	2	2	Brit.	Mitsuvishi S. Kaisha	Mobile, Ala.	Yawata, Japan	(15)	8,048
Santa Maria	2	3	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile	General	2,825
Goodyear [5]	13	...	Amer.	Goodyear Rubber Co.	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Snapper [7]	30	3	Amer.	U. S. Navy	Guantan'o, Cuba	Valparaiso, Chile	Ballast	.....
Laurits Swenson [2]	2	3	Nor.	Fred Olsen Line	Oslo, Norway	Vancouver, B. C.	General	3,038
Hope castle [2]	2	3	Brit.	Isbrandtsen Moller Co.	Newcastle, Eng.	Yokohama, Japan	General	5,729
Kinai Maru [2]	2	3	Jap.	Osaka Shosen Kaisha	Boston, Mass.	Kobe, Japan	Scrap, gen.	4,362
St. Mihiel [8]	2	4	Amer.	U. S. Army	Brooklyn, N. Y.	S. Francisco, Cal.	Supplies	369
Komaki Maru [2]	3	3	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	Scrap rails	5,544
Hermonthis [2]	2	3	Ger.	Hamburg-Amer. Line	Hamburg, Ger.	Corral, Chile	General	3,896
Hoxbar [1]	3	3	Amer.	Petrol Corp. of L. A.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Harpalycus	3	3	Brit.	H. L. E. Meyer & Co.	Newcastle, Eng.	S. Francisco, Cal.	Coke	5,706
Nero [2]	2	3	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Tumaco, Colom.	General	64
Indianan	3	3	Amer.	Amer.-Hawaiian Line	Baltimore, Md.	Seattle, Wash.	General	2,723
Darien	3	5	Pan.	United Fruit Co.	Boston, Mass.	Pto. Arm'les, R. P.	Ballast	.....
Brazilian Reefer [2]	3	4	Dan.	J. Lauritzen	Hamburg, Ger.	Los Angeles, Cal.	Ballast	.....
Essex [2]	4	4	Brit.	N. Z. Shipping Co.	Liverpool, Eng.	Auckland, N. Z.	General	8,170
Montanan	4	4	Amer.	Amer.-Hawaiin Line	Boston, Mass.	Seattle, Wash.	General	3,196
Julia Luckenbach	4	4	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General, oil	3,764
Manizales	2	4	Ger.	North German Lloyd	Cristobal, C. Z.	Guayaquil, Ecua.	General	490
Elbe [2]	4	4	Ger.	North German Lloyd	Hamburg, Ger.	Vancouver, B. C.	General	3,305
Clio [2]	4	4	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	315
Frank [3]	4	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Trois Ilets	3	5	Fr.	French Line	Cristobal, C. Z.	Manta, Ecuador	Ballast	.....
Istmo	3	5	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	460
San Lucas	3	5	Amer.	States S. S. Line	Jacksonville, Fla.	Seattle, Wash.	Gen., steel	3,826
Port Halifax	4	5	Brit.	Mont.-Aust.-N.Z. Line	Montreal, Canada	Dunedin, N. Z.	General	5,988
Zealandic [2]	4	5	Brit.	Shaw, Savill & Albion	London, England	Nelson, N. Z.	General	6,493
Phemius	5	5	Brit.	Alfred Holt & Co.	New York, N. Y.	Hongkong, China	General	4,756
British Monarch	5	5	Brit.	Canadian Transp. Co.	Sydney, C. B.	Vancouver, B. C.	Steel	1,382
Vermar	5	5	Amer.	Calmar Line	Philadelphia, Pa.	Los Angeles, Cal.	Steel, gen.	7,250
Trehata	5	5	Brit.	Hain S. S. Co.	New York, N. Y.	Sydney, Australia	General	3,626
Pacific Grove [2]	5	5	Brit.	Furness-Pacific Line	Glasgow-England	Vancouver, B. C.	General	379
Ville d'Amiens	5	6	Fr.	Messageries Marit'es	Marseilles, France	Noumea, N. Caled	General	2,539
Gannet [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Tow. launch	.....
Rambler [5]	...	...	Amer.	F. V. Barker	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Hororata	5	6	Brit.	N. Z. Shipping Co.	Liverpool, Eng.	Wellington, N. Z.	Ballast	.....
Nozima Maru [2]	6	6	Jap.	Nippon Yusen Kaisha	Philadelphia, Pa.	Kobe, Japan	General	5,382
Brilliant [1] [2]	6	6	Amer.	Socony Vac. Oil Co.	Albany, N. Y.	Los Angeles, Cal.	Ballast	.....
Tuscaloosa City	6	6	Amer.	Isthmian S. S. Lines	Portland, Me.	Seattle, Wash.	General	3,483
Columbia [2]	6	6	Dan.	Dampskibsselskabet	London, England	Los Angeles, Cal.	Ballast	.....
Nuevo Panama [2]	5	6	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	180
Porto Bello [3]	6	6	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Mobile City	7	7	Amer.	Isthmian S. S. Lines	Mobile, Ala.	Seattle, Wash.	(16)	4,789
Smaragd	2	7	Nor.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	579
Westralia [2]	7	7	Dan.	Westralian Farmers	Galveston, Tex.	Yarraville, Aust.	Sulphur	7,300
Kingfisher [10]	...	...	Amer.	U. S. Navy	Gatun, C. Z.	Balboa, C. Z.	Ballast	.....
Ousebridge	7	8	Brit.	Crosby, Son & Co.	S. Shields, Eng.	Vancouver, B. C.	Ballast	.....
Canadian Cruiser	7	8	Brit.	Mont.-Aust.-N.Z. Line	Three Riv., Can.	Melbourne, Aust.	Paper	4,620
Azumasan Maru [2]	7	8	Jap.	Mitsui Bussan Kaisha	New York, N. Y.	Dairen, China	Steel, mach.	7,000
City of Elwood [2]	8	8	Amer.	Roosevelt S. S. Line	Baltimore, Md.	Kobe, Japan	General	6,470
Barrgrove	8	8	Brit.	Commercial Metals Co.	New Orleans, La.	Kobe, Japan	Scrap iron	7,035
West Cactus	8	8	Amer.	McCormick S. S. Co.	Buenos Aires, Arg.	Vancouver, B. C.	General	3,166
Friesland [2]	7	8	Ger.	Hamburg-Amer. Line	Galveston, Tex.	Manila, P. I.	General	7,752
Leipzig [2]	7	8	Ger.	North German Lloyd	Hamburg, Ger.	San Antonio, Chile	General	3,342
Tuira [2]	7	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	7	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
La Union [2]	7	...	Pan.	A. Valdes	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	7	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real [2]	7	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	8	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	.....	.....
Barge, No. 5441	7	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.	.....	.....
Pirate [3]	8	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	.....	20
Nisshin Maru, No. 2. [2]	8	9	Jap.	Mitsubishi Co.	Rotterdam, Neth.	Yokohama, Japan	Ballast	.....
Edda	9	9	Ital.	Blue Star Line	Newcastle, Eng.	Los Angeles, Cal.	Ballast	.....
Washingtonian	9	9	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Portland, Oreg.	General	2,729
Vibran [2]	9	9	Nor.	Knutsen Line	Cardiff, England	Los Angeles, Cal.	Ballast	.....
Cubore	9	9	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [8] Transport. [10] Mine sweeper. [13] For bananas and return to Cristobal, C. Z. [14] Steel plates and bars. [15] Cotton and scrap metal. [16] Tinplate, steel.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Bethore	8	9	Amer.	Ore S. S. Corp.	Newp't News, Va.	Cruz Gr'de, Chile	Ballast	.....
Pomona	9	9	Amer.	Pac. Coast Dir. Line	New York, N. Y.	Seattle, Wash	General	3,840
Rangitiki [2]	9	10	Brit.	N. Z. Shipping Co.	London, England	Auckland, N. Z.	General	5,016
Slemmestad [2]	9	9	Nor.	Fern Line	Mobile, Ala	Osaka, Japan	Pig iron	7,200
Wyoming	8	9	Fr.	French Line	Dunkerque, Fr.	Vancouver, B. C.	Sand, steel	3,215
Indigirka	9	11	Russ.	Amtorg Trading Corp.	New York, N. Y.	Vlad'ok, U.S.S.R.	Tinplate	1,054
Santa Inez [2]	10	11	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile	General	2,077
Chief [5]	...	...	Amer.	Edward Fraser	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Frank [3]	10	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Nathan [2]	10	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[13]	.....	20

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Tons
Empress of Britain.	10	11	Brit.	Can. Pac. Steamships.	New York, N. Y.	New York, N. Y.[14]	Passengers	.....
Pacific Exporter [2]	11	11	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scot.	Gen., lumber	8,813
Eskdalegate	11	11	Brit.	Chile Nit. Sales Corp.	Taltal, Chile	Azores [14]	Nitrate	7,428
Carica Milica	11	11	J-Slav.	Seaboard Shipping Co.	Pt. Alberni, B. C.	Hull, England	Lum., grain	8,700
Charles R. McCormick.	11	11	Amer.	McCormick S. S. Co	Tacoma, Wash	Philadelphia, Pa.	Lumber, gen.	8,111
San Angelo	11	11	Amer.	Quaker Line	Marshfield, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,447
Baldhill	11	11	Amer.	Shell Terminal Corp.	Los Angeles, Cal.	Curacao, N. W. I.	([15])	9,378
Trois Ilets	11	16	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	268
Marna	11	11	Dan.	West Coast Line	Valparaiso, Chile.	New York, N. Y.	General	2,500
Deroche [1]	10	13	Amer.	Union Oil of Calif.	Los Angeles, Cal.	Paulsboro, N. J.	([16])	5,571
Skeena [9]	8	12	Brit.	Canadian Govt	Esquimalt, B. C.	Halifax, N. S.	.....	.....
Saguenay [9]	8	12	Brit.	Canadian Govt	Esquimalt, B. C.	Halifax, N. S.	.....	.....
Elin K. [2]	11	12	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Savannah, Ga	Nit. of soda	8,310
President de Vogue. [1] [2]	11	12	Nor.	Cia. Des. Prod. Chim. Et. Raffineries.	Talara, Peru	Port de Bouc, Fr.	Crude oil	13,731
Pontypridd	11	12	Brit.	Andrew Weir & Co.	Ocean Island	Gaddviken, Swed.	Phosphate	7,450
Susan V. Luckenbach.	12	12	Amer.	Luckenbach Line	Seattle, Wash	Boston, Mass.	Gen., lumber	6,777
Norden [2]	12	13	Dan.	Kawasaki K. Kaisha.	Manila, P. I.	New Orleans, La.	General	4,530
Manizales	12	14	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,080
Ino [2]	12	14	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	427
Brisbane Star [2]	13	13	Brit.	Blue Star Line	Pt. Chalmers, N.Z.	Glasgow, Scot.	Frozen, gen.	8,027
Texas Sun [1] [2]	13	13	Amer.	Sun Oil Co	Los Angeles, Cal.	Chester, Pa	Gasoline	14,977
Mahana	13	13	Brit.	Shaw, Savill & Albion	Auckland, N. Z.	London, England	Frozen, gen.	7,285
Chiriqui [2]	13	14	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	302
Nebraskan	13	13	Amer.	Amer.-Hawaiian Line.	Seattle, Wash	Boston, Mass.	General	6,088
Beloit [2]	13	16	Hond.	W. M. Eden	Tumaco, Colom.	La Ceiba, Hond.	Ballast	.....
Weser [2]	13	14	Ger.	North German Lloyd.	Vancouver, B. C.	Bremen, Ger.	General	7,278
Jacob Luckenbach	13	14	Amer.	Luckenbach Line	Portland, Oreg.	Mobile, Ala	General	5,258
Nero [2]	14	15	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee	391
Uyo Maru [2]	14	14	Jap.	Mitsui Line	Iloilo, P. I.	New York, N. Y.	Silk, gen.	8,388
Lancaster Castle	14	14	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [17]	Nitrate	8,740
Santore	14	14	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,500
Steel Inventor	14	14	Amer.	Isthmian S. S. Lines.	Port Allen, T. H.	New York, N. Y.	Sugar	8,534
Alamar	14	14	Amer.	Calmar S. S. Corp	Seattle, Wash	Baltimore, Md.	Lumber	7,587
Porto Bello [2]	14	14	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	Fruit, lum.	12
Mamari	15	15	Brit.	Shaw, Savill & Albion	Auckland, N. Z.	London, England	Frozen, gen.	5,926
Roda [2]	16	16	Ger.	Hamburg-Amer. Line.	Talcahuano, Chile	Hambnrg, Ger.	General	7,702
Herman F. Whiton	16	16	Amer.	Dutton Lumber Corp.	Portland, Oreg.	New York, N. Y.	Lumber	7,300
Gen. M. H. Sherman.	15	16	Amer.	Matson Nav. Co.	Honolulu, T. H.	New Orleans, La.	([18])	7,429
Tamaroa	16	17	Brit.	Shaw, Savill & Albion	Timaru, N. Z.	London, England	Frozen, gen.	3,469
Gargoyle [1]	17	17	Amer.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, N. W. I.	Gas oil	9,903
Petrofina [1] [2]	17	17	Nor.	A/S Petrofina	Talara, Peru	Dunkerque, Fr.	Crude oil	14,933
Firmore	17	17	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,850
Pennsylvania	17	17	Amer.	Weyerhaeuser S. S. Co.	Tacoma, Wash	Philadelphia, Pa.	Lumber, gen.	6,795
Istmo	17	21	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	([19])	733
Kansai Maru [2]	17	17	Jap.	Osaka Shosen Kaisha.	San Carlos, P. I.	New York, N. Y.	Silk, gen.	5,161
Rygja	17	17	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Norfolk, Va	Nit. of soda	6,068
Reliance	17	17	Ger.	Hamburg-Amer. Line.	New York, N. Y.[13]	New York, N. Y.	Passengers	.....
Real [2]	17	18	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Tuira [2]	17	18	Pan.	Julio Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	56
Sona [2]	17	18	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	33
Frank [2]	17	18	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	33
Pirre [2]	17	18	Pan.	Julio Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	44
Northleigh	17	18	Brit.	Seaboard Ship. Co.	N.Westm'er, B.C.	Liverpool, Eng.	Lum., doors.	8,341
Jeanne D'Arc [12]	15	23	Fr.	French Government	Marquesas Is.	Fort de France	.....	.....
Brimanger [2]	17	18	Nor.	Interocean S. S. Corp.	Seattle, Wash	Havre, France	([20])	7,646
Chattanooga City	17	18	Amer.	Isthmian S. S. Lines.	Vancouver, B. C.	Avonmouth, Eng.	Lumber, gen.	8,131
El Mirlo [1] [2]	18	18	Brit.	C. T. Bowring & Co.	La Libertad, Ecu.	Ellesmere, Eng.	Crude oil	11,887

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [9] Destroyer. [12] Cruiser. [13] For bananas and return to Cristobal, C. Z. [14] Around the world. [15] Kerosene distillate. [16] Petroleum, solvent. [17] For orders. [18] Sugar, pineapples, canec. [19] Coffee, empty bottles. [20] Wheat, lumber, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Floridian	18	18	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,107
Munsterland [2]	17	19	Ger.	Hamburg-Amer. Line.	Cebu, P. I.	New Orleans, La.	Copra, gen.	6,033
Atenas	18	18	Amer.	United Fruit Co.	Pto. Arm'les, R. P.	Boston, Mass.	Bananas	1,341
Coloradan	19	19	Amer.	Amer.-Hawaiian Line.	Astoria	Baltimore, Md.	General	6,750
Mallard [4]	19	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Thorstrand [2]	19	19	Nor.	Fred Olsen & Co.	Los Angeles, Cal.	Liverpool, Eng.	Citrus fruit	1,730
Oregon Express [2]	19	19	Nor.	Fruit Express Line	Los Angeles, Cal.	London, England	Fresh fruit	1,092
J. L. Luckenbach	19	19	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,618
Magnolia [1]	19	19	Amer.	Socony Vac. Oil Co.	Los Angeles, Cal.	Providence, R. I.	Gasoline	14,254
San Gil	19	19	Pan.	United Fruit Co.	Pto. Arm'les, R. P.	New Orleans, La.	Bananas	1,957
Thrush [10]	19	...	Amer.	U. S. Navy	Balboa, C Z.	Cristobal, C. Z.	.....	.....
Lieut. Col. H. C. Schumm. [4]	19	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Richmond [12]	19	26	Amer.	U. S. Navy	San Diego, Calif.	Norfolk, Va.	.....	.....
Durazzo	20	21	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,151
Pereira	20	24	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	1,001
Reina del Pacifico [2]	19	20	Brit.	Pacific Steam Nav. Co	SanAntonio, Chile	Liverpool, Eng.	General	5,732
S-43 [7]	20	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-46 [7]	20	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-47 [7]	20	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-44 [7]	20	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Memphis City	20	20	Amer.	Isthmian S. S. Lines.	Kahului, T. H.	Baltimore, Md.	Sugar, gen.	8,401
Nero [2]	15	21	Neth.	Royal Neth. S. S. Co.	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
S-45 [7]	20	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Point Lobos	20	20	Amer.	Swayne & Hoyt	Seattle, Wash.	Panama City, Fla.	General	5,469
Bethore	20	21	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,500
Nourmahal [2] [6]	20	21	Amer.	Vincent Astor	Honolulu, T. H.	New York, N. Y.	Ballast	.....
Clio [2]	21	22	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Cacao, gen.	561
D. G. Schofield [1]	20	21	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Providence, R. I.	(13)	10,925
Cubore	20	21	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,600
Larchbank [2]	20	21	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [14]	Nit. of soda	8,600
Wisconsin	21	22	Fr.	French Line	Vancouver, B. C.	Havre, France	General	8,610
Darlington Court [2]	21	21	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Hull, England	Wheat, lum.	8,400
Trois Ilets	21	...	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	292
Misoa [1]	14	21	Brit.	West India Oil Co.	Balboa, C. Z.	Aruba, N. W. I.	Ballast	.....
Yamazato Maru [2]	21	22	Jap.	Yamashita Ship. Co.	Cebua, P. I.	Buenos Aires, Arg.	General	8,270
Canadian	21	22	Amer.	Chile Nit. Sales Corp.	Tocopilla, Chile	Charleston, S. C.	Nitrate	8,000
Losmar	21	21	Amer.	Calmar Line	Seattle, Wash.	Baltimore, Md.	Lumber	4,682
Winona	21	22	Amer.	Weyerhaeuser S. S. Co.	S. Francisco, Cal.	Baltimore, Md.	(15)	8,252
Knute Nelson [2]	21	23	Nor.	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	General	8,116
Illinois [1]	22	23	Amer.	The Texas Co.	Los Angeles, Cal.	Pt. Arthur, Tex.	Gasoline	1,195
Brazos [1]	21	25	Amer.	U. S. Navy	Los Angeles, Cal.	Coco Solo, C. Z.	(16)	60
Gertrude Maersk [2]	22	22	Dan.	Isbrandtsen Moller Co.	Manila, P. I.	New York, N. Y.	General	7,000
Porto Bello [2]	22	24	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(17)	7
San Cipriano [1] [2]	22	23	Brit.	Eagle Oil & Ship. Co.	Los Angeles, Cal.	United Kingdom.	(18)	11,662
Heina [2]	22	23	Nor.	Seaboard Ship. Co.	N. West'm'er, B.C.	London, Eng.	Lum., wheat.	6,642
Ronda [2]	23	23	Nor.	Mitsui Bussan Kaisha	Iloilo, P. I.	New York, N. Y.	General	7,084
San Bernardino	23	23	Amer.	States S. S. Co.	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,642
Santa Inez [2]	23	23	Amer.	Grace Line	Chanaral, Chile	New York, N. Y.	General	3,558
Arkansan	23	23	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	New York, N. Y.	General	6,468
Boskoop	23	24	Neth.	Kon. Ned. Stoomboot	Valparaiso, Chile.	Hamburg, Ger.	General	7,867
Fox, No. 234 [9]	23	25	Amer.	U. S. Navy	San Diego, Cal.	Philadelphia, Pa.	.....	.....
Modjokerto [2]	23	23	Neth.	S. & J. Thompson	Calcutta, India	Calcutta, India	General	6,356
Geddington Court	23	23	Brit.	Can. Transp. Co.	Vancouver, B. C.	London, Eng.	Lumber, gen.	10,040
Gilmer, No. 233 [9]	23	25	Amer.	U. S. Navy	San Diego, Calif.	Philadelphia, Pa.	.....	.....
Brooks, No. 232 [9]	23	25	Amer.	U. S. Navy	San Diego, Calif.	Philadelphia, Pa.	.....	.....
Childs, No. 241 [9]	23	25	Amer.	U. S. Navy	San Diego, Calif.	Philadelphia, Pa.	.....	.....
Williamson [9]	23	25	Amer.	U. S. Navy	San Diego, Calif.	Philadelphia, Pa.	.....	.....
Ambassador	23	24	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Pensacola, Fla.	Nitrate	7,750
Nuevo Panama [2]	24	25	Pan.	Elliot Ship. & Land Co.	Darien, R P.	Cristobal, C. Z.	Bananas	115
Acajutla	24	6-1	Brit.	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	General	415
Frank [2]	24	28	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	37
Real [2]	24	25	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Tuira [2]	24	25	Pan.	Julio Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	55
Western Explorer [2]	23	25	Amer.	M. A. Petrich	Los Angeles, Cal.	Gloucester, Mass.	Ballast	.....
Franconia	25	25	Brit.	Cunard Line	New York, N. Y. [19]	New York, N. Y.	Passengers	.....
Emergency Aid	25	25	Amer.	Bulk Carriers Corp.	Port Angeles	Philadelphia, Pa.	Lumber	7,250
Marina [1] [2]	25	26	Nor.	Standard Oil of N. J.	Talara, Peru	Le Havre, France	Crude oil	14,142
Taylor [9]	26	26	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Sofie Bakke [2]	25	26	Nor.	Knut Knutsen O.A.S.	Vancouver, B. C.	Glasgow, Scot.	General	7,325
Alabama	25	26	Fr.	French Line	Valparaiso, Chile	Le Havre, France	Lumber, gen.	7,452
Republic [8]	24	27	Amer.	U. S. Army	Honolulu, T. H.	New York, N. Y.	Army stores.	1,009
Zacapa	26	26	Amer.	United Fruit Co.	Pto. Arm'les, R. P.	Boston, Mass.	Bananas	1,700
Durazzo	26	...	Ger.	Hamburg-Amer. Line.	B'ventura, Col.	Cristobal, C. Z.	(20)	1,178
Allende	26	26	Brit.	Morel, Ltd.	Iloilo, P. I.	E. coast U.S.A.	Sugar	8,400
Lillian Luckenbach.	26	26	Amer.	Luckenbach Line	Pt. Town'd, Wash.	Boston, Mass.	General	8,550

[1] Tanker. [2] Motor ship. [4] Tug. [6] Yacht. [7] Submarine. [8] Transport. [9] Destroyer. [10] Mine sweeper. [12] Cruiser. [13] Petrolastic asphalt. [14] For orders. [15] Lumber, pulp, coffee, general. [16] Gasoline, household goods. [17] Lumber, plantains, pigs. [18] Gasoline, kerosene. [19] Around the world. [20] Coffee, empty bottles.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Axel Johnson [2]	26	27	Swed.	Johnson Line	Vancouver, B. C.	Goth'burg, Swed.	Wheat, gen.	6,580
Chr. Knudsen [2]	26	26	Nor.	Can. Transp. Co.	Britania Beach	Dunkerque, Fr.	(14)	8,125
Ino [2]	26	28	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	340
Cerigo	26	30	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,306
Oakland [2]	26	28	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	7,017
Ville De Strasbourg.	26	27	Fr.	Messageries Marit'es.	Noumea, N.Caled	Marseilles, Fr.	General	5,019
Bahrein [1]	26	27	Pan.	Anglo-Amer. Oil Co.	Los Angeles, Cal.	London, England	Gasoline	8,690
Fernglen [2]	26	28	Nor.	Fern Line	Iloilo, P. I.	New York, N. Y.	Sugar, gen.	8,556
Istmo	26	29	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	721
Frida	26	27	Dan.	West Coast Line	Arica, Chile	New York, N. Y.	Gen., nitrate	2,636
Cape of Good Hope. [2]	23	27	Brit.	Contin'tal Grain Corp.	Manila, P. I.	E. coast, U.S.A.	Sugar	7,445
Storstad [1] [2]	27	27	Nor.	Standard Oil of N. J.	Talara, Peru	Halifax, N. S.	Crude oil	13,100
Nero [2]	27	28	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee, hides	269
Dresden [2]	26	27	Ger.	North German Lloyd.	Corral, Chile	Bremen, Ger.	General	6,571
Tai Yin [2]	27	28	Nor.	Barber S. S. Lines.	Manila, P. I.	New York, N. Y.	Sugar, gen.	7,142
Nailsea Meadow.	27	28	Brit.	Pampanga Sugar Dev.	Manila, P. I.	E. coast, U.S.A.	Sugar	8,265
Ulm [2]	28	28	Ger.	North German Lloyd.	Los Angeles, Cal.	Hamburg, Ger.	Oranges	1,660
Telde	28	28	Hond.	United Fruit Co.	Pto.Arm'les, R.P.	Mobile, Ala.	Bananas	844
City of Dalhart [2]	28	28	Amer.	Roosevelt S. S. Co.	Iloilo, P. I.	New York, N. Y.	Sugar, gen.	8,265
Gretaston	28	28	Brit.	Anglo-Can. S. S. Co.	McBrideBay, B.C	London, England	Lum., lead	7,445
Steel Voyager	28	28	Amer.	Isthmian S. S. Lines.	Belawan, Sumatra	Baltimore, Md.	(15)	7,529
Lochgoil [2]	28	30	Brit.	N. Pacific Coast Line.	N.Westm'er, B.C.	Rotterdam, Neth.	General	9,527
Papoose [1] [2]	28	29	Amer.	Shell Oil Co.	Los Angeles, Cal.	Baltimore, Md.	Gasoline	7,760
Modavia [2]	29	29	Brit.	Donaldson Bros.	Vancouver, B. C.	Glasgow, Scot.	Fruit, gen.	4,624
Kansan	29	29	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	General	4,990
Golden Mountain.	29	29	Amer.	Matson Nav. Co.	Los Angeles, Cal.	Galveston, Tex.	Sugar	8,393
Canada [2]	29	29	Dan.	East Asiatic Co.	Vancouver, B. C.	Copenhagen, Den.	General	9,919
San Diego	29	30	Fr.	French Line	Vancouver, B. C.	Rotterdam, Neth.	General	7,184
Vinni [2]	29	30	Nor.	Kawasaki K. Kaisha.	Kobe, Japan	New York, N. Y.	General	1,910
Porto Bello [2]	29	29	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(16)	7
Gretavale	30	30	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Savannah, Ga.	Nitrate	7,705
Nevadan	30	30	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	7,441
Heiyo Maru [2]	30	31	Jap.	Nippon Yusen Kaisha	Manila, P. I.	New York, N. Y.	General	7,786
Port Caroline	30	31	Brit.	Port Line, Ltd.	Bluff, N. Z.	London, England	Frozen, gen.	5,724
Rangitane [2]	30	30	Brit.	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	6,614
Gaviota [2] [4]	30		Peru.	Peruvian Governm't.	Gamboa, C. Z.	Lima, Peru	Ballast	
Lebore	31	31	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Elg [2]	31	31	Nor.	Anglo-Can. S. S. Co.	Vancouver, B. C.	S'ampton, Eng.	Lumber	6,208
City of Delhi	31	6-1	Brit.	Mont.-Aust.-N.Z.Line	Pagoumene	Montreal, Canada	General	6,708
Nitro	29	1	Amer.	U. S. Navy	San Diego, Calif.	Norfolk, Va.	Navy stores	715
Santos [2]	31	31	Swed.	Red. A. B. Nordstj'an	Valparaiso, Chile.	Stockholm, Swed.	(17)	6,251
Santa Clara	31	31	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	Copper, gen.	4,790
Real [2]	31	1	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
Frank [2]	31	1	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Tuira [2]	31	1	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	36
Sambu [2]	31	1	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	57
Ruahine	31	1	Brit.	New Zealand Line	Wellington, N. Z.	London, England	Refrig., gen.	4,673
Lagarto [2]	31	1	Brit.	Pacific Steam Nav. Co.	Talcahuano, Chile	Hull, England	Copper, gen.	6,998
Pacific	31	1	Amer.	Weyerhaeuser S.S.Co.	Everett, Wash.	New York, N. Y.	Lumber, gen.	8,212
Yngaren [2]	31	1	Swed.	Transatlantic S. S. Co.	Apia, Samoa	London, England	Lead, gen.	8,940
Chateau Thierry [8]	31	1	Amer.	U. S. Army	Honolulu, T.H.	New York, N. Y.	Army stores	836
Arizonan	6-1	1	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	6,340
Cathwood [1]	1	1	Amer.	Union Oil Co. of Calif.	Los Angeles, Cal.	Baltimore, Md.	Crude oil	9,445
Mathew Luckenbach.	1	1	Amer.	Luckenbach Line	Los Angeles, Cal.	Mobile, Ala.	General	6,226
Cape York [2]	29	1	Brit.	Lyle Shipping Co.	Manila, P. I.	New York, N. Y.	Sugar	8,610
Metapan	1	1	Amer.	United Fruit Co.	Pto.Arm'les, R.P.	Boston, Mass.	Bananas	1,200
R. G. Dee [13]	1		Amer.	W. J. Bartlet	Miraflores, C. Z.	Gatun, C. Z.	Ballast	
Nore [1] [2]	1	2	Pan.	Drewry, Paris	Cabo Bl'co, Peru.	Donges, France.	Crude oil	12,353
Teviotbank	1	2	Brit.	Col. Sugar Refin. Co.	Pagoumene	Hamburg, Ger.	Ore, sugar	8,100
Taranger [2]	2	2	Nor.	Interocean S. S. Corp.	Seattle, Wash.	Rotterdam, Neth	Wheat, gen.	7,390
Smaragd	2	2	Nor.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	529
Grete Maersk [2]	2	3	Dan.	Maersk Line	Cebu, P. I.	Baltimore, Md.	Sugar, gen.	6,885
Manizales	2	4	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,087
Nero [2]	2	3	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee	553
Tropic Star	2	3	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Savannah, Ga.	Nitrate	8,300
Ekatontarchos Dracoulis.	2	3	Greek.	Anglo-Can. S. S. Co.	Columbia River.	Rotterdam, Neth	(18)	7,583
Trois Ilets	3	5	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	316
Nankai Maru [2]	3	4	Jap.	Osaka Shosen Kaisha.	Dairen, China	Baltimore, Md.	General	4,101
Istmo	3	5	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	718
Clio [2]	3	4	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	523
Marore	4	4	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,500
Thorshovdi [1] [2]	3	4	Nor.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, N. W. I.	Gasoline	13,607
Horn Shell [1] [2]	3	4	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, N. W. I.	Gas oil	12,026
Dallas 199 [3]	4		Amer.	United States Navy	Balboa, C. Z.	Cristobal, C. Z.		

[1] Tanker. [2] Motor ship. [4] Tug. [8] Transport. [13] Motor boat. [14] Ore, lumber, general. [15] Rubber, hemp, sugar. [16] Plantains, lumber. [17] Saltcake, nitrate. [18] Lumber, concentrates.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Tons
Evita [1] [2]	4	4	Nor.	J. M. Ugland	Los Angeles, Cal.	Lands End, Eng[14]	Gasoline	8,956
Point Chico	4	4	Amer.	Swayne & Hoyt	Seattle, Wash	Panama City, Fla.	Lumber, gen.	5,602
Porto Bello [2]	4	4	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(15)	5
Erviken	4	5	Nor.	Polarus, New York	Pt. Alberni, B.C.	Boston, Mass.	Lumber, ore	10,075
Hagan [1]	5	5	Amer.	Shell Oil Co.	Wilmington, Cal.	Curacao, N. W. I.	Gas oil	9,270
Asosan Maru [2]	5	5	Jap.	Mitsui & Co.	Manila, P. I.	Philadelphia, Pa.	Silk, gen.	6,578
Nuevo Panama [2]	5	6	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	221
Walter A. Luckenbach.	5	5	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	7,557
Arima Maru [2]	5	5	Jap.	Nippon Yusen Kaisha	Hakodate, Japan.	Hamburg, Ger.	General	7,828
West Cape	4	5	Amer.	McCormick S. S. Co.	Port Townsend	Philadelphia, Pa.	Lumber, gen.	6,110
Port Sydney	5	6	Brit.	Port Line	Auckland, N. Z.	London, England	Frozen, gen.	6,756
El Oso [1]	5	6	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru	Ellesmere, Eng.	Oil	10,255
Steel Maker	5	6	Amer.	Isthmian S. S. Lines	Port Allen, T. H.	Baltimore, Md.	Sugar, gen.	7,331
Shakespear	6	6	Brit.	Canadian Transp. Co.	Pt. Alberni, B. C.	London, England	Lumber	6,457
Missourian [2]	6	6	Amer.	Amer.-Hawaiian Lines	Seattle, Wash.	Boston, Mass.	General	6,884
Este	6		Ger.	North German Lloyd	Vancouver, B. C.	Hamburg, Ger.	General	7,323
Santa Clara Valley [2]	6	6	Brit.	Continental Grain Co.	Iloilo, P. I.	E. coast, U. S. A.	Sugar	8,400
Gunda	6	6	Nor.	N. A. & Gulf S. S. Co.	Guaymas, Mexico	Rotterdam, Neth.	Rice	3,000
Mostum [2]	6	6	Nor.	M. Mosvold	Los Angeles, Cal.	Liverpool, Eng.	Oranges	2,000
Kearsage [13]	6	10	Amer.	U. S. Navy	Bremerton, Wash.	New York, N. Y.		
Kingfisher [4]	6	7	Amer.	U. S. Navy	Bremerton, Wash.	Gatun, C. Z.		
Svealand [2]	6	7	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,300
Sirius	6	10	Amer.	U. S. Navy	Everett, Wash.	New York, N. Y.	Lumber, gen.	1,482
Woodcock [4]	7	10	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Ewa	6	7	Amer.	Matson Nav. Co.	Hilo, T. H.	New Orleans, La.	Sugar, gen.	7,690
Alkmaar	6	7	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	10,212
R. J. Hanna [1]	6	7	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Baltimore, Md.	Asphalt	9,847
Norbryn [2]	7	7	Nor.	Seaboard Ship. Co.	Pt. Alberni, B. C.	London, England	Lumber, gen.	7,508
Santa Barbara [2]	7	7	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	General	4,802
Real [2]	7	8	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	37
Sona [2]	7	8	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Frank [2]	7	10	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
La Union [2]	7	8	Pan.	A. A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	19
Tuira [2]	7	8	Pan.	J. Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	60
Salvador	7		Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	955
Canadian Challenger.	6	7	Brit.	Mont.-Aust.-N.Z. Line	Sydney, Australia	Montreal, Canada	General	2,095
San Clemente	7	7	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,561
Salacia [2]	7	8	Brit.	Donaldson Bros.	Vancouver, B. C.	Glasgow, Scotland	Fruit, gen.	7,192
Samuel Bakke [2]	7	7	Nor.	Knut Knudsen	Vancouver, B. C.	Belfast, Ireland	General	7,330
Pacific Enterprise [2]	7	7	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Glasgow, Scotland	General	9,126
Sambu [2]	7	8	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	49
Lochmonar [2]	8	9	Brit.	Royal Mail Lines	Vancouver, B. C.	Rotterdam, Neth.	General	10,025
Panaman	8	8	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,116
Westmoreland	8	8	Brit.	Fed. Steam Nav. Co.	Wellington, N. Z.	London, England	Refrig., gen.	4,931
Cornish City [2]	8	8	Brit.	Reardon-Smith Line	Rashin, Korea	Karlshamn, Swed.	Soy beans	9,130
Everleigh	8	8	Brit.	Seaboard Ship. Co.	Pt. Alberni, B. C.	Liverpool, Eng.	Lumber	8,227
Fernmoor [2]	8	8	Nor.	Fern Line	Manila, P. I.	New York, N. Y.	(16)	7,500
Vinland [2]	8	8	Nor.	Scand.-So. Pac. Line	Valparaiso, Chile.	London, England	General	6,929
Darien	8	8	Pan.	United Fruit Co.	Pto. Arm'les, R. P.	Boston, Mass.	Bananas	1,009
Daylight [1] [2]	8	8	Amer.	Socony-Vac. Oil Co.	Los Angeles, Cal.	Providence, R. I.	Gasoline	13,307
Astra	8	9	Nor.	Stray Cristiansen	Guayaquil, Ecua.	Pt. Royal, Jam.	Ballast	
Laila	8	9	Dan.	Wessel, Duval & Co.	Valparaiso, Chile.	New York, N. Y.	General	2,237
Minerva	8	9	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Savannah, Ga.	Nit. of soda	8,420
Wildwood	8	9	Amer.	Amer.-For. S. S. Corp.	Tacoma, Wash.	New York, N. Y.	Lumber	7,000
Bogota [2]	9		Ger.	North German Lloyd	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,251
Dessau	8		Ger.	North German Lloyd	Wellington, N. Z.	New York, N. Y.	(16)	6,873
Pennmar	9	9	Amer.	Calmar Line	Seattle, Wash.	Baltimore, Md.	Lum., copper	5,771
Kahuku	9	9	Amer.	Matson Nav. Co.	Kahului, T. H.	New York, N. Y.	(17)	7,200
Arawa	8	9	Brit.	Shaw, Savill & Albion.	Wellington, N. Z.	S'hampton, Eng.	Frozen, gen.	5,000
Oklahoman	9	10	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	(18)	7,584
Chilore	10	10	Amer.	Ore S.S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,000
Port Hunter	9	10	Brit.	Port Line	Wellington, N. Z.	London, England	Frozen, gen.	6,084
Casargo V [2]	10	10	Brit.	M. C. Rice	Balboa, C. Z.	Cristobal, C. Z.	Ballast	
Marisa [1] [2]	9	10	Neth.	Shell Oil Co.	Los Angeles, Cal.	Lands End, Eng.[14]	Gasoline	11,719
Cape Horn [2]	10	10	Brit.	Anglo-Can. S. S. Co.	Brit. Columbia	Antwerp, Belgium	(19)	9,700
Istmo	10		Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	718
Nero [2]	10		Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee, hides.	409
Pellicula [1] [2]	9	10	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, N. W. I.	Gas oil	8,697
Port Denison	10		Brit.	Port Line	Lyttelton, N. Z.	London, England	Frozen, gen.	7,218
Robert Luckenbach.	10	10	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,521
Kano Maru [2]	10	10	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	General	4,775
Ino [2]	10		Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	353
Barbara [2]	10		Pan.	Eduardo Navarette	Balboa, C. Z.	Cristobal, C. Z.	Ballast	
Trondanger [2]	10	10	Nor.	Interocean Line	Portland, Oreg.	Rotterdam, Neth.	Grain, gen.	8,670

[1] Tanker. [2] Motor ship. [4] Tug. [13] Crane boat. [14] For orders. [15] Plantains, lumber. [16] Chrome ore, general. [17] Canned pines, sugar. [18] Zinc concentrates, general. [19] Zinc concentrates, lumber.

THE PANAMA CANAL RECORD

OFFICIAL PUBLICATION OF THE PANAMA CANAL

PUBLISHED MONTHLY

Subscription rates, domestic, $0.50 per year; foreign, $1.00; address
The Panama Canal Record, Balboa Heights, Canal Zone,
or, for United States and foreign distribution,
The Panama Canal, Washington, D. C.
Entered as second-class matter February 6, 1918, at the Post Office
at Cristobal, C. Z., under the Act of March 3, 1879.

Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Volume XXXI Balboa Heights, C. Z., July 15, 1938 No. 12

Traffic Through the Panama Canal in June 1938

The total vessels of all kinds transiting the Panama Canal during the month of June 1938, and for the same month in the two preceding years, are shown in the following tabulation:

	June 1936	June 1937	June 1938		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial vessels	481	472	231	214	445
Small commercial vessels [1]	56	79	57	36	93
Noncommercial vessels:					
United States Government	34	41	18	14	32
Panamanian Government	.....	.....	.....	1	1
For repairs	.....	3	.....	.....	.....
Total	571	595	306	265	571

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the fiscal year ended June 30, 1938, as compared with the fiscal year ended June 30, 1937:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8
July	456	457	2,364,539	2,395,306	2,450,324	2,476,366	$1,999,105.18	$2,029,642.45
August	473	505	2,398,306	2,597,119	2,396,331	2,780,603	2,051,540.28	2,195,308.87
September	466	444	2,428,317	2,312,725	2,526,366	2,385,142	2,045,440.82	1,935,673.78
October	482	461	2,499,678	2,359,406	2,463,069	2,438,788	2,081,758.23	1,981,087.87
November	368	435	1,768,738	2,280,565	1,747,368	2,185,283	1,488,054.25	1,893,462.00
December	341	439	1,655,501	2,238,271	1,538,503	2,046,170	1,366,388.58	1,845,048.20
January	399	444	1,915,787	2,219,496	1,855,937	2,095,402	1,598,323.51	1,837,894.72
February	377	436	1,940,611	2,154,222	1,839,788	1,998,827	1,602,306.30	1,786,611.45
March	536	506	2,770,451	[3] 2,511,674	3,016,418	2,268,548	2,355,149.04	2,015,585.34
April	473	487	2,460,549	[3] 2,438,985	2,652,880	2,279,235	2,067,026.68	1,961,456.58
May	544	465	2,839,127	[3] 2,322,642	2,950,925	2,309,171	2,376,706.36	1,886,825.66
June	472	445	2,450,018	[3] 2,227,698	2,670,466	2,122,389	2,070,337.89	1,801,291.78
Total	5,387	5,524	27,491,622	[3] 28,058,109	28,108,375	27,385,924	23,102,137.12	23,169,888.70

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

[3] These figures indicate the Panama Canal net tonnage as determined under the rules of measurement in effect prior to March 1, 1938. The Panama Canal net tonnage for these four months as determined under the rules now in effect was as follows: March 1938, 2,311,526; April 1938, 2,258,836; May 1938, 2,150,228; June 1938, 2,064,793.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons (Panama Canal measurement), which transited the Panama Canal during the month of June 1938. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	[4] Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	57	1,948	$1,553.40	859
Pacific to Atlantic	36	1,354	1,210.50	1,716
Total	93	3,302	2,763.90	2,575

[4] As measured under the present Panama Canal rules.

Traffic by Nationality of Vessels[5] for June 1938

Nationality	No. of transits	[6] Panama Canal net tonnage	Tolls	Tons of cargo
British	[7] 115	619,893	$545,155.30	577,156
Chilean	1	5,011	4,509.90	389
Danish	17	55,455	48,134.16	58,215
French	4	20,900	18,810.00	17,830
German	30	115,026	102,032.28	123,512
Greek	4	18,004	15,384.24	24,209
Italian	5	28,299	24,668.46	12,677
Japanese	25	160,635	139,459.32	109,976
Latvian	1	2,738	1,971.36	.....
Netherland	26	69,988	60,761.34	64,478
Norwegian	56	238,213	204,300.18	273,197
Panamanian	17	35,029	29,616.84	44,043
Peruvian	1	2,259	2,033.10	1,995
Philippine	1	5,025	4,522.50	8,441
Swedish	13	60,772	51,601.86	96,674
United States	128	625,681	546,652.44	708,543
Union of Soviet Socialist Republics	1	1,865	1,678.50	1,054
Total	445	2,064,793	1,801,291.78	2,122,389

[5] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.
[6] As measured under the present Panama Canal rules.
[7] Includes 1 naval ship of 10,100 displacement tons.

Traffic by Trade Routes for June 1938

The movement of vessels over trade routes is summarized in the following table. The trade routes are classified according to primary origin and ultimate destination of the voyage through the Canal and the cargo listed is the total aboard at the time of transit. Cargo may be laden or discharged between the terminal areas indicated; hence in the cargo listed below there may be some which had other origin or destination:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	[8] Panama Canal net tonnage	Tons of cargo	No. of ships	[8] Panama Canal net tonnage	Tons of cargo
United States intercoastal	44	222,849	164,944	38	188,225	288,221
East coast United States and:						
Canada	5	24,010	2,250	2	10,160	17,929
Central America	4	11,002	.....	4	11,244	5,314
South America	17	72,920	15,304	19	77,592	204,945
Hawaiian Islands	3	15,312	7,564	5	24,388	38,528
Australasia	8	39,681	49,074	1	4,580	6,873
Philippine Islands	9	46,085	40,124	18	97,940	109,390
Far East	25	119,969	172,899	1	6,285	2,091
Canada intercoastal	3	15,550	10,954	1	4,621	6,769
East coast Canada and:						
United States	1	2,965	6,262	.....	.....	.....
Australasia	5	28,551	30,188	3	13,590	15,632
Far East	1	6,127	5,544	1	6,071	3,175
South America	.....	.....	.....	1	4,359	7,522
South American intercoastal	3	8,764	14,847	1	975	1,024
East coast South America and:						
United States	1	5,761	.....	.....	.....	.....
Canada	2	8,986	6,022	1	4,525	8,067
Far East	2	10,303	10,258	2	11,138	3,045
Cristobal and:						
Central America	5	3,223	2,817	5	3,256	3,590
South America	16	8,933	3,907	17	9,385	11,852
West Indies and:						
United States	1	4,497	.....	5	26,242	52,868
South America	.....	.....	.....	2	7,513	10,792
Europe and:						
United States	16	68,086	5,706	13	56,905	91,871
Canada	23	122,347	27,937	30	155,013	239,171
Central America	1	3,221	2,167	2	3,797	3,903
West coast South America	18	101,800	39,225	20	109,833	179,250
Australasia	11	76,294	39,646	17	124,178	109,148
Far East	2	28,401	.....	3	15,851	24,641
Egypt and South America	1	3,766	.....	1	5,257	9,150
Around the world	1	7,497	3,611	1	5,919	6,378
Foreign vessels in ballast (United States intercoastal)	2	9,051	.....	.....	.....	.....
Vessels not engaged in commerce	[9] 1	.....	.....	.....	.....	.....
Total	231	1,075,951	661,250	214	988,842	1,461,139

[8] As measured under the present Panama Canal rules. [9] Cruiser.

Origin and Destination of Cargo by Major Areas

The following table summarizes the origin of cargo passing through the Canal in June 1938, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	167,389	13,133	212,418	14,604	55,751	463,295
Other North America	10,345	11,858	3,789	14,911	23,618	64,521
Europe	20,113	12,037	9	28,925	38,437	99,521
Miscellaneous	8,222	1,113	8,979	14,497	1,102	33,913
Total	206,069	38,141	225,195	72,937	118,908	661,250

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	285,429	58,151	188,149	11,016	542,745
Canada	20,129	12,671	136,642	849	170,291
Other North America	44,492	4,076	4,132	.....	52,700
South America	201,441	35,996	177,818	9,280	424,535
Australasia	13,606	9,032	109,015	.....	131,653
Asia	114,877	2,485	20,995	858	139,215
Total	679,974	122,411	636,751	22,003	1,461,139

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during June 1938 or June 1937 are listed below:

Commodity	June		Commodity	June	
	1937	1938		1937	1938
Atlantic to Pacific			*Pacific to Atlantic*—Continued		
Asbestos	10,570	8,549	Beans, edible, dry	8,284	10,414
Automobiles and parts	28,723	17,555	Canned goods, various	69,493	53,483
Canned goods, various	15,476	7,064	Coffee	14,687	16,838
Cement	24,049	10,334	Cold storage (food products) [10]	15,596	52,293
Chemicals	13,154	8,069	Copra	13,757	14,128
Coal and coke	14,285	10,203	Cotton, raw	13,389	7,953
Cotton, raw	5,683	11,360	Flour	33,797	12,312
Iron and steel	257,013	111,908	Fruit, dried	12,749	21,835
Machinery	15,047	12,139	Fruit, fresh [11]	7,487	32,832
Manufactured goods	13,927	18,938	Lumber	321,291	225,821
Metals, various	73,635	34,630	Metals, various	63,895	60,783
Molasses and syrups	14,130	268	Molasses and syrups	15,311	700
Oils, mineral	61,092	44,164	Nitrates	77,006	80,946
Ores	4,438	11,994	Oats	13,090	6,054
Paper	42,004	36,869	Oils, mineral	222,002	270,516
Phosphates	9,708	13,788	Oils, vegetable	21,360	14,578
Scrap metal	282,564	93,306	Ores	185,776	189,628
Sugar	15,969	4,674	Paper	42,004	11,963
Sulphur	19,503	33,479	Soy beans	9,009	13,155
Tinplate	31,089	25,418	Sugar	110,807	136,824
Wood pulp	12,706	2,598	Wheat	62,913	42,198
			Wood pulp	20,106	18,418
Pacific to Atlantic			Wool	10,529	20,567
Asphalt and tar	11,270	18,579	.....	.....	.....
Barley	5,824	28,758	.....	.....	.....

[10] Does not include fresh fruit. [11] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of June 1938, as reported in the cargo declarations showing the movement, by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items

are frequently grouped under the designation of "general cargo"; the statistics accordingly are not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	102	117
Agricultural implements	410	54	4,424	66
Alfalfa meal	.....	176	.....	561
Ammonium compounds	162	.....	2,998	4
Apparel, wearing (hats, shoes, clothing, etc.)	23	.....	25	8
Asbestos	585	.....	8,549	7
Asphalt and tar	147	9,847	3,067	18,579
Automobiles (and autotrucks)	1,601	31	9,942	78
Automobile parts and accessories	411	2	7,613	14
Bags and bagging, textile	186	67	304	67
Bamboo and products	.....	2	.....	175
Bananas	.....	.....	.....	6,819
Barks, miscellaneous	.....	16	5	433
Barley	.....	1	.....	28,758
Beans, edible, dry	.....	2,882	171	10,414
Beer	134	.....	270	.....
Beverages, nonalcoholic	99	.....	140	.....
Blood and tankage	.....	.....	39	133
Bones and bone-meal	.....	20	624	20
Books and printed matter	53	.....	60	11
Borax	.....	473	10	4,626
Bran and pollards	.....	.....	.....	1,537
Bricks and tile	348	.....	821	.....
Canned and preserved goods:				
Fish	421	8,341	610	12,786
Fruit	684	16,583	722	30,324
Meat	56	.....	958	418
Milk	40	30	394	127
Soup	1,676	.....	1,765	226
Vegetables	584	6,365	603	6,738
Miscellaneous and unclassified	1,086	2,755	2,012	2,864
Carbon black	.....	.....	527	.....
Celite	.....	720	.....	720
Cement	506	.....	10,334	18
Chalk	.....	.....	103	.....
Charcoal	108	.....	148	.....
Chemicals [12]	3,270	1,013	8,069	1,246
Clay, china and fire	760	194	1,030	339
Coal	2,345	.....	4,099	.....
Cocoa and cacao beans	347	3	860	2,860
Coconuts and products [12]	5	1,504	25	4,076
Coffee	288	44	6,345	16,838
Coke	.....	.....	6,104	.....
Cold storage and refrigerated products:				
Dairy products	.....	.....	238	21,014
Eggs	.....	62	.....	321
Fish	.....	.....	10	290
Lard	258	.....	338	151
Meats	25	38	304	30,268
Poultry	.....	102	3	129
Vegetables	.....	.....	.....	120
Other and unclassified	46	.....	73	.....
Confectionery	654	9	680	9
Copra	.....	.....	.....	13,213
Copra meal and cake	.....	.....	.....	915
Corn	.....	.....	.....	2
Cotton, raw	15	782	11,360	7,953
Creosote	57	.....	57	.....
Drugs and medicines	1,624	92	2,109	159
Dyes	.....	.....	373	4
Earthenware	.....	14	52	321
Eggs, dried	30	.....	30	.....
Electrical apparatus and appliances	869	156	1,832	235
Enamelware and metalware	371	.....	389	66
Explosives	138	.....	482	44
Extract, quebracho	.....	.....	605	.....
Fertilizers [12]	.....	39	159	370
Floor coverings	1,689	1,595	1,826	1,776
Flour	181	8,929	1,052	12,312
Fruit, dried	.....	7,588	12	21,835
Fruit, fresh [12]	.....	.....	12	32,832
Furniture and household goods	225	189	274	193
General	15,211	3,887	41,676	10,423
Glass and glassware	1,625	53	3,670	289
Glue	86	15	103	75

[12] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Grains, unclassified	135	.....	135	.....
Groceries	1,014	401	1,523	920
Gums	12	31	17	310
Hair, all kinds	40	93	44	151
Hay	.....	84	.....	311
Hemp, unmanufactured	42	.....	54	1,363
Honey	.....	241	.....	512
Infusorial earth	.....	500	.....	887
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	47,865	95	111,908	721
Ivory nuts	.....	24	70	1,528
Jute, unmanufactured	4	.....	25	.....
Lard substitute	684	.....	684	.....
Lime	.....	.....	83	31
Liquors	4,122	295	5,282	301
Lumber (including manufactured mill products)	1,333	78,714	4,609	225,821
Machinery	2,082	355	12,139	469
Malt	.....	.....	378	102
Manufactured goods [12]	6,108	584	18,938	2,616
Marble and granite	20	.....	249	.....
Matches	252	104	319	104
Metals:				
Copper	50	4,540	1,163	37,757
Gold and silver	.....	.....	.....	243
Iron	194	.....	29,690	.....
Lead	.....	1,039	2,130	15,343
Tin	66	53	704	1,130
Zinc	91	.....	516	6,270
Other and unclassified	303	27	427	40
Milk, powdered	6	709	6	1,359
Molasses and syrups	183	.....	268	700
Nitrates	1,700	.....	2,325	80,946
Nuts, edible (including meats)	.....	361	319	681
Oats	40	200	40	6,054
Oils, mineral:				
Crude	13	20,401	23	64,996
Gas and fuel	11,013	.....	23,399	49,518
Gasoline, benzine, and naphtha	.....	42,556	1,183	154,425
Kerosene	.....	.....	50	.....
Lubricating and greases	6,106	1,265	19,500	1,577
Other and unclassified	.....	.....	9	.....
Oils, vegetable:				
Coconut	.....	.....	.....	10,692
Cottonseed	44	.....	1,293	.....
Linseed	.....	.....	110	.....
Olive	33	.....	464	.....
Rapeseed	.....	38	.....	38
Teaseed	.....	.....	.....	49
Wood	60	18	76	1,964
Other and unclassified	106	64	433	1,835
Oil, fish	.....	445	82	1,945
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	.....	656	260
Oilseed cake and meal	741	.....	741	3,152
Ores:				
Antimony	.....	.....	.....	1,396
Chrome	.....	.....	.....	17,000
Copper	.....	.....	7,454	5,417
Gold and silver	.....	.....	1,700	350
Iron	.....	.....	.....	132,350
Lead	.....	.....	.....	4,995
Magnesite	.....	256	807	256
Manganese	61	.....	116	7,253
Tin	.....	.....	.....	3,066
Zinc	.....	.....	5	14,814
Other and unclassified	.....	34	1,912	2,731
Paints and varnishes	1,281	194	2,462	336
Paper and paper products [12]	9,156	3,211	36,869	11,963
Peanuts	544	.....	544	341
Peas, dry	.....	30	.....	1,326
Peatmoss	.....	.....	316	.....
Phosphates	739	.....	13,788	7,500
Plaster	.....	.....	273	.....
Porcelainware	247	87	621	1,641
Potash	.....	514	62	514
Pyrethrum flowers	.....	.....	.....	5
Rags and waste	166	111	291	150
Railroad material	200	.....	2,871	.....
Rice	729	112	1,229	4,114
Rope and twine	75	.....	1,171	38
Rosin	2,179	38	2,802	38

[12] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rubber:				
Manufactured	1,109	187	1,537	201
Raw	.....	.....	20	3,125
Scrap	.....	1	274	44
Salt	252	.....	3,213	.....
Sand	.....	.....	1,887	.....
Scrap metal	408	235	93,306	978
Seeds (except oilseeds)	6	66	212	753
Shells, oyster	844	.....	844	246
Silk, raw	.....	189	.....	2,132
Skins and hides	.....	1,537	751	4,921
Slag	.....	.....	800	562
Slate	1,279	.....	1,279	.....
Soaps and products	1,684	145	1,790	334
Soda and sodium compounds:				
Soda ash	223	.....	2,765	1,734
Soda, caustic	369	.....	1,940	.....
Miscellaneous and unclassified	359	.....	1,028	55
Soy beans	170	.....	220	13,155
Sugar	80	25,497	4,674	136,824
Sulphur	3,050	55	33,479	161
Talc	.....	43	.....	685
Tallow	100	502	139	5,828
Tea	41	21	63	278
Textiles [13]	4,193	62	7,520	1,493
Tinplate	12,682	80	25,418	220
Tobacco and manufactures	431	63	3,384	194
Toilet preparations	33	.....	47	.....
Turpentine	221	.....	550	.....
Vegetables, dry [12]	.....	99	15	640
Wallboard	83	.....	483	1,341
Wax, paraffin	94	.....	1,039	43
Wheat	.....	34	.....	42,198
Wines	125	958	591	1,968
Wood pulp	212	16,358	2,598	18,418
Wool	63	6,800	436	20,567
Total, June 1938	167,389	285,429	661,250	1,461,139
Total, June 1937	329,393	386,005	1,168,490	1,501,976
Total, June 1936	259,106	437,896	821,420	1,638,332

[12] Except as otherwise classified. [13] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of June 1938, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	[14] Panama Canal net tonnage	Tons of cargo	No. of ships	[14] Panama Canal net tonnage	Tons of cargo
United States intercoastal	8	47,529	10,998	6	35,686	[15] 72,792
East coast Canada and South America	.....	.....	.....	1	4,359	7,522
East coast South America and United States	1	5,761	.....	.....	.....	.....
South American intercoastal	1	5,513	12,100	.....	.....	.....
West Indies and:						
United States	1	4,497	.....	5	26,242	52,868
South America	.....	.....	.....	1	5,900	10,792
Europe and:						
United States	4	24,876	.....	6	34,200	[16] 66,392
South America	4	26,033	.....	6	36,817	76,839
Total	19	114,209	23,098	25	143,204	287,205

[14] As measured under the present Panama Canal rules.
[15] Includes 9,847 tons of asphalt. [16] Includes 8,541 tons of asphalt.

Comparison of Canal Traffic in June 1938, with June Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of June			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	[17] 140	498	567	1915	[18] 100	361	466
1916	120	381	483	1916	60	199	258
1917	165	528	630	1917	145	483	588
1918	166	574	629	1918	165	547	627
1919	154	517	586	1919	162	510	576
1920	190	704	834	1920	199	712	781
1921	189	761	695	1921	232	950	966
1922	222	970	977	1922	222	951	907
1923	412	2,036	2,096	1923	325	1,550	1,631
1924	374	1,927	2,023	1924	429	2,179	2,249
1925	365	1,753	1,920	1925	382	1,904	1,996
1926	401	1,988	2,133	1926	424	2,064	2,169
1927	433	2,151	2,228	1927	441	2,184	2,311
1928	473	2,227	2,139	1928	521	2,453	2,468
1929	494	2,351	2,423	1929	524	2,485	2,554
1930	468	2,357	2,147	1930	502	2,497	2,502
1931	384	2,057	1,757	1931	447	2,314	2,089
1932	318	1,742	1,404	1932	364	1,968	1,650
1933	341	1,900	1,690	1933	347	1,900	1,513
1934	366	2,018	1,767	1934	436	2,379	2,059
1935	405	2,134	2,081	1935	432	2,317	2,109
1936	481	2,449	2,460	1936	449	2,335	2,209
1937	472	2,450	2,670	1937	449	2,291	2,342
1938	445	[19] 2,228	2,122	1938	460	[19] 2,338	2,282

[17] Canal opened August 15, 1914. [18] Average for 10½ months. [19] As measured by the Panama Canal rules in effect prior to March 1, 1938.

Terminal Activities

Ships which completed repairs during the month of June 1938 numbered 59. Vessels released from drydock numbered 13. Fuel and Diesel oil in the quantity of 229,836 barrels was delivered as bunkers to 116 commercial ships. Bunker coal amounting to 10,404 tons was delivered to 24 commercial ships. Sales of commissary supplies to ships aggregated $42,272.06.

Cargo Handled at Terminal Ports, June 1938

	Cristobal	Balboa	Total
Local cargo arriving ... tons	19,832	8,765	28,597
Local cargo shipped ... tons	2,830	462	3,292
Cargo received for transshipment ... tons	49,191	467	49,658
Cargo transshipped ... tons	46,529	588	47,117
"Canal Zone for Orders" cargo:			
Number of receipts issued	4	1	5
Number of releases issued	11	14	25
Tons received	21	2	23
Tons withdrawn	6	7	13

All Vessels Entering and Clearing Port, June 1938

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	503	3,016,207	1,820,490	468	2,711,724	1,644,899
Vessels entering port but not transiting Canal	59	334,873	187,177	10	31,065	19,498
Vessels transiting Canal and handling passengers and cargo at terminal ports	147	813,971	483,331	102	597,862	357,728
Ships clearing						
All vessels, including those transiting Canal	502	3,024,701	1,827,734	474	2,741,272	1,660,587
Vessels clearing port but not transiting Canal	55	306,625	173,955	10	31,065	19,498
Vessels transiting Canal and handling passengers and cargo at terminal ports	147	835,454	497,678	104	616,286	368,478

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight June 10, 1938, to midnight July 10, 1938. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Durazzo, 0, 11
Chiriqui, 126, 43
Lysefjord, 4, 324
Crynssen, 32, 797
Recorder, 239, 0
Poseidon, 26, 109
Balboa, 77, 139
Kronprinsessan Margareta, 0, 647
Ruth Lykes, 1,051, 311
Orbita, 115, 123
Colombie, 64, 378
San Anselmo, 428, 7
John Bakke, 0, 531
Trois Ilets, 378, 0
Sta. Rita, 190, 2 boxes
Santa Rosa, 155, 112
Erria, ¼, 48
Seattle, 99, 212
Troja, 216, 263
Colombie, 2, 230
Fulda, 36, 678
Contessa, 366, 663
Real, 0, 19
Abraham Lincoln, 25, 532
Magister, 1,215, 56
Firmore, 12,216, 0
Lysefjord, 0, 107
Santa Clara, 69, 5
Anhalt, 0, 10
Jamaica, 479, 1,258
Oropesa, 34, 391
Rhakotis, 216, 220
Drechtdijk, 383, 40
Manizales, 1,285, 684
Clio, 226, 274
Guayaquil, 1,490, 653
Istmo, 801, 308
Pereira, 847½, 517
Colombia, 85, 39
Ino, 524, 72
Virgilio, 8, 204
Ulua, 740, 327
Hokuroku Maru, 189, 387
Tsuyama Maru, 70, 0
Skjelbred, 261, 0
Muenchen, 47, 530
Chilean Reefer, 50, 0
Macabi, 65, 0
Amasis, 44, 286
Santa Paula, 519, 4
Talamanca, 136, 128
Yamakaze Maru, 181, 0
Mantilla, 3,830, 0
Marore, 10,135, 0
Nuevo Panama, 0, 76
Santa Lucia, 294, 3
San Mateo, 321, 168
Cefalu, 314, 797
Chisone, 261, 13
Acajutla, 456, 503
Sanyo Maru, 27, 0
Platano, 712, 939
Silverplam, 341, 0
San Angelo, 221, 256
Cristobal, 3,155, 762
Sta. Barbara, 410, 111
Losada, 4, 352
Katuragi Maru, 113, 0
Veragua, 429, 953
Nuernberg, 125, 835
Barneveld, 618, 408
Tai Ping Yang, 855, 0
Cerigo, 1,296, 0
Istmo, 777, 233
Durazzo, 11, 392
Pasajero, 29, 0
Patricia, 40, 232
Santa Marta, 601, 73
Phoenicia, 16, 662½
Rialto, 77, 220
Noto Maru, 218, 0
Nero, 548, 73
Munsterland, 17, 20
Colombia, 17, 1,080
Kunikawa Maru, 530, 105
Orazio, 134, 46
Tacoma, 295, 433
Laguna, 130, 1 pkg.
Margaret Lykes, 1,455, 438
Port Antonio, 5, 587
Clio, 584, 33
Darian, 226, 37
Quirigua, 112, 279
Santa Elena, 323, 2
Caribia, 490, 19
Margaret Johnson, 79, 437
Kiyosumi Maru, 274, 0
Contessa, 491, 833
City of Glasgow, 292, 337
Sambu, 0, 57
Chilore, 10,933, 0
Benjamin Franklin, 6, 439
Annie Johnson, 27, 19
Bretagne, 87, 0
Santa Maria, 399, 1
Pastores, 509, 0
Oregon, 210, 0
Bogota, 1,108, 0
Istmo, 809, 0
Chiriqui, 439, 0
Smaragd, 959, 0
Pastores, 0, 12
Chiriqui, 0, 1,024
Bretagne, 0, 607
Oregon, 0, 626
Bogota, 0, 290
Bodegraven, 0, 51
San Francisco, 144, 284
Steelore, 10,132, 0
Santa Rita, 505, 441¼
Toloa, 643, 682
Ino, 346, 73
Buenaventura, 1,735, 310
Itauri, 300, 176
Marchen Maersk, 689, 0
Cerigo, 670, 224
Istmo, 0, 153
Nako Maru, 210, 0
Mantilla, 4,875, 0
Reina del Pacific, 50, 830
Gertrude Maersk, 0, 125
Dusseldorf, 217, 260
Jamaica, 39, 192
Santa Inez, 56, 0
Santa Rosa, 84, 12
Orduna, 261, 60
Narenta, 210, 460
San Jose, 404, 306
Caribia, 5 pkgs., 400
Weser, 431, 166
Smaragd, 0, 1,600
Nankai Maru, 0, 57
Tosan Maru, 191, 111
Cefalu, 500, 778
Alaska, 1,090, 12
West Ivis, 877, 79
Pericles, 281, 4
Nuevo Panama, 0, 346
Sambu, 0, 253
Ancon, 2,983, 897
Portland, 252, 232
Platano, 440, 23
Breda, 122, 1,764
Salvador, 862, 731
Bogota, 28, 311
Suecia, 0, 11
Valparaiso, 4, 524
Santa Lucia, 448, 113
San Bernardino, 1,594, 5
Talamanca, 234, 643
Sixaola, 933, 223
Osnabruck, 67, 634
Clio, 250, 0
Skramstad, 100, 0
Governor, 143, 0
Manizales, 548, 187
Fella, 214, 307
Pericles, 281, 772
Nero, 594, 34
Istmo, 1,257, 222
Ruth Lykes, 661, 178
West Camargo, 54, 102

BALBOA

Chiriqui, 331, 0
African Reefer, 0, 142
Floreana, 225, 0
Balboa, 0, 331
Salvador, 0, 2
Abraham Lincoln, 515, 0
John Bakke, 1,796, 0
Santa Clara, 195, 20
Republic, 785, 2
Munchen, 48, 3
D.G.Schofield, 10,998, 0
Santa Lucia, 16, 2
Thorstrand, 0, 75
Pereira, 0, 1
Acajutla, 1, 0
Norfolk Maru, 133, 0
Santa Barbara, 102, 6
Tai Ping Yang, 313, 0
Patricia, 57, 41
President Adams, 20, 0
St. Mihiel, 309, 108
Abangarez, 0, 1
Benjamin Franklin, 0, 69
Chateau Thierry, 902, 725
Marchen Maersk, 251, 0
Bokuyo Maru, 64, 10
Santa Rita, 187, 10
Kaldfonn, 5,540, 0
Regulus, 14,259, 0
Ludington, 229, 5
Narenta, 0, 69
Salvador, 3, 0
Geisha, 72, 0
Rotorua, 20, 0
Fella, 256, 0
Santa Lucia, 170, 1
Montecristi, 103, 0
K.R.Kingsbury, 11,041, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Canal ports during June 1938 numbered 2,576 at Cristobal and 1,137 at Balboa; embarking 1,968 at Cristobal and 674 at Balboa. Passengers passing through the Canal numbered 4,029 from the Atlantic to the Pacific, and 2,155 from the Pacific to the Atlantic. Aircraft numbering 54 entered Cristobal and 218 passengers disembarked; clearances were 55, with 221 passengers embarking. At Balboa, entries of aircraft numbered 41, with 91 passengers disembarking; clearances were 41, with 89 passengers embarking.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $0.95 per barrel at Cristobal and Balboa; Diesel oil, $1.75 per barrel at Cristobal and Balboa.

Movements of Ocean Vessels Through the Panama Canal

From midnight June 10, 1938, to midnight July 10, 1938

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Damsterdijk [2]	10	11	Neth.	Holland-Amer. Line	Rotterdam, Neth.	Vancouver, B. C.	General	3,630
Tropic Sea [2]	10	11	Nor.	Fern Line	Mobile, Ala.	Yokohama, Japan	Pig iron	8,000
Trentbank	10	11	Brit.	Bank Line, Ltd.	Baltimore, Md.	Marshfield, Oreg.	Ballast	
Dallas [9]	4	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Gen. M. H. Sherman.	10	11	Amer.	Norton, Lilly & Co.	New Orleans, La.	S. Francisco, Cal.	Ballast	
La Plata Maru [2]	11	11	Jap.	Osaka Shosen Kaisha.	Buenos Aires, Arg.	Kobe, Japan	Cotton, gen.	3,565
Marna	11	11	Dan.	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	2,200
San Conrado [1] [2]	11	11	Brit.	Eagle Oil & Ship. Co.	Rio de Janeiro, Br.	Los Angeles, Cal.	Ballast	
Elisabeth Bakke [2]	11	11	Nor.	Knut Knutsen Line	Belfast, Ireland	Vancouver, B. C.	Ballast	
Tai Shan [2]	11	11	Nor.	Barber-Wilhelmsen	Norfolk, Va.	Moji, Japan	Scrap iron	8,331
Ramon de Larrinaga.	11	11	Brit.	Canadian Transp. Co.	Hull, England	Vancouver, B. C.	Ballast	
Dorothy Luckenbach.	11	11	Amer.	Luckenbach Line	Providence, R. I.	Seattle, Wash.	General	4,438
Bogota [2]	9	11	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	234
Bennekom	10	11	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	1,369
Istmo	10	11	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	310
Texan	11	12	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	3,250
Ino [2]	10	12	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	32
Sambu [2]	10	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]		25
Joan [5]	...	...	Pan.	D. McAlister	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
President Herrenschmidt. [1] [2]	11	12	Nor.	Socomar, Paris	Antwerp, Belg.	La Libertad, Ecu.	Ballast	
Balboa [2]	11	12	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	General	4,576
Yamazuki Maru [2]	12	12	Jap.	Yamashita K. Kaisha	Buenos Aires, Arg.	Kobe, Japan	Cotton, gen.	6,693
Moldanger [2]	11	12	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Washington Express. [2]	12	12	Nor.	Fruit Express Line	London, England	Los Angeles, Cal.	Ballast	
Hagan [1]	12	12	Amer.	Pennsylvania Ship. Co	Curacao, N. W. I.	Wilmington, Cal.	Ballast	
Kronprinsessan Margareta. [2]	11	12	Swed.	Johnson Line	Goth'burg, Swed.	Valparaiso, Chile.	Gen., sugar.	5,030
African Reefer [2]	12	13	Dan.	J. Lauritzen	Goth'burg, Swed.	Los Angeles, Cal.	Ballast	
El Ciervo [1]	13	13	Brit.	Rodolfo P. Peracea	Manchester, Eng.	La Libertad, Ecu.	Ballast	
Reginolite [1] [2]	13	13	Brit.	Imperial Oil Ship. Co.	La Guayra, Ven.	Tocopilla, Chile.	([14])	12,100
Nero [2]	10	13	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	164
Jacob Luckenbach	13	13	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General	5,116
Abangarez	10	15	Amer.	United Fruit Co.	Boston, Mass.	Pto. Arm'les, R. P.	Ballast	
Salvador	7	14	Brit.	Pacific Steam Nav. Co	Cristobal, C. Z.	Champ'ico, Guat.	General	625
Winkleigh	13	14	Brit.	W. J. Tatem	Barry, England	Vancouver, B. C.	Ballast	
City of Hankow	13	14	Brit.	Ellerman & Bucknall	Montreal, Canada	Adelaide, Aust'lia	General	7,011
Taketoyo Maru	13	14	Jap.	Nippon Yusen Kaisha	Baltimore, Md.	Kobe, Japan	Cotton, gen.	5,740
Huntingdon	14	14	Brit.	Federal Steam Nav. Co.	Newcastle, Eng.	Opua, N. Z.	Ballast	
Taybank [2]	14	14	Brit.	Bank Line, Ltd.	Boston, Mass.	Shanghai, China	Steel, gen.	3,000
Rasma	14	14	Latv.	Chile Nit. Sales Corp.	Newport, Eng.	Antof'gasta, Chile	Ballast	
Birmingham City.	14	14	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Tacoma, Wash.	Steel, gen.	3,422
Sirocco [2]	9	17	Amer.	Errol Leslie Flynn	Miami, Fla.	Los Angeles, Cal.	Ballast	
San Anselmo	12	14	Amer.	Quaker Line	New York, N. Y.	Seattle, Wash.	General	6,507
John Bakke [2]	12	16	Nor.	Scand.-S. Pacific Line.	Goth'burg, Swed.	Talcahuano, Chile	General	3,663
Speybank [2]	14	14	Brit.	Andrew Weir & Co.	Panama City, Fla.	Adelaide, Aust'lia	General	4,162
Porto Bello [3]	14	14	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
M-238 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Puerto Rican	14	15	Amer.	Amer.-Hawaiian Line.	Jacksonville, Fla.	Tacoma, Wash.	General	3,177
Lihue	14	15	Amer.	Matson Nav. Co.	Baltimore, Md.	Honolulu, T. H.	General	3,073
Parthenia	15	15	Brit.	Donaldson Line	Glasgow-England	Vancouver, B. C.	General	496
Sydney M. Hauptman.	15	15	Amer.	McCormick S. S. Co.	Norfolk, Va.	Seattle, Wash.	General	6,838
Santore	15	15	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz G'de, Chile	Ballast	
Kansai Maru [2]	15	15	Jap.	Osaka Shosen Kaisha	Boston, Mass.	Moji, Japan	Gen., mach.	5,135
Skagerak [2]	15	15	Nor.	Kawasaki K. Kaisha	Philadelphia, Pa.	Los Angeles, Cal.	Ballast	
Pileot	15	16	Brit.	McCowen & Gross	Boston, Mass.	Kamashi, Japan	Scrap iron	6,854
Triadic [2]	15	16	Brit.	Brit. Phos. Com'ers	Glasgow-England	Nauru, Br. Mand.	General	990
Kentuckian	15	16	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,636
Pirre [2]	14	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	14	15	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Aguadulce, R. P.	General	33
Sambu [2]	14	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	
Barge, No. 5441	14	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]		19
Winslow [5]	14	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Point Clear	16	16	Amer.	Gulf-Pacific Line	Houston, Tex.	Tacoma, Wash.	General	5,545
Franz Klasen [1] [2]	16	16	Pan.	W. Tankschiff Rhed'i.	Hamburg, Ger.	Talara, Peru	Ballast	
Anhalt	16	16	Ger.	North German Lloyd.	New York, N. Y.	Auckland, N. Z.	([15])	6,729
Santa Clara	16	17	Amer.	Grace Line	New York, N. Y.	San Antonio, Chile	General	3,113
Marlene	16	16	Brit.	K. S. S. Company	Savannah, Ga.	Brisbane, Aust.	General	7,101
Pirate [3]	16	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]		20
Oropesa	16	17	Brit.	Pacific Steam Nav. Co	Liverpool, Eng.	Valparaiso, Chile.	General	1,598

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [9] Destroyer. [13] For bananas and return to Cristobal, C. Z. [14] Fuel and Diesel oil. [15] Sulphur, ore, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Susan V. Luckenbach.	17	17	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	3,246
Fernmoor [2]	17	17	Brit.	Chesco, Australia	Galveston, Tex.	Geelong, Aust'lia.	Sulphur	8,250
Republic [8]	16	18	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	1,809
Chelsea	17	17	Brit.	Chile Nit. Sales Corp.	Alexandria, Egypt	Antof'gasta, Chile	Ballast	
Firmore	15	17	Amer.	Ore S. S. Corp.	Newp't News Va.	Cruz Gr'de, Chile	Ballast	
Mount Hymettus.	17	17	Greek.	Charles Dreifus Co.	New York, N. Y.	Kamaishi, Japan.	Scrap iron	7,604
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	P. Miguel, C. Z.	Tow. barge	
Lieut. Col. H. C. Schumm.[4]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	
Frank [3]	17		Pan.	Elliot Ship.& Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Istmo	16	18	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	405
Morviken [2]	17	18	Nor.	Kawasaki K. Kaisha.	Landskrona, Swed	Los Angeles, Cal.	Ballast	
Nebraskan	18	18	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,233
Clio [2]	16	19	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Tumaco, Colom.	General	249
Manizales	16	18	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	621
Ino [2]	17	18	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	65
Chinese Prince [2]	18	19	Brit.	Prince Line, Ltd.	New York, N. Y.	Hongkong, China.	General	5,283
Oakmar	19	19	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	8,230
Peter Maersk [2]	19	19	Dan.	Maersk Line	Boston, Mass.	Cebu, P. I.	General	6,408
Cathwood [1]	19	19	Amer.	Union Oil of Calif.	Baltimore, Md.	Los Angeles, Cal.	Ballast	
Chilean Reefer [2]	19	19	Dan.	J. Lauritzen	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Alphard [2]	19	19	Neth.	Van Nievelt, Gourd.	Antwerp, Belgium	British Columbia.	Ballast	
Gen. Wm. M. Graham.[11]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
L-53 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Steel Age	19	20	Amer.	Isthmian S. S. Lines.	Portland, Me.	Seattle, Wash.	Gen., steel	5,333
Steel Scientist	20	21	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Saigon, Ind-Chi'a	General	7,468
Cornwall	20	20	Brit.	N. Z. Shipping Co.	Liverpool, Eng.	Auckland, N. Z.	General	6,798
D. G. Scofield [1]	20	21	Amer.	Arrow Oil Co.	Houston, Tex.	S. Francisco, Cal.	Fuel oil	10,998
Sydland	19	20	Swed.	Madrigal & Co.	New York, N. Y.	Moji, Japan	Scrap iron	8,340
City of Manchester.	20	21	Brit.	Amer.-Australian Line	Baltimore, Md.	Adelaide, Aust'lia	General	6,445
Amasis	19	21	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Corral, Chile	General	5,226
Porto Bello [3]	20	21	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Tonan Maru No. 2.[13]	20	21	Jap.	Nippon Suisan Kab. Kaisha.	Fremantle, Aust.	Yokohama, Japan	Ballast	
Pereira	16	21	Pan.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	516
Pacific Shipper [2]	20	21	Brit.	Furness, Withy & Co.	Glasgow-England	Vancouver, B. C.	General	685
Norden [2]	21	21	Dan.	Kawasaki K. Kaisha.	New York, N. Y.	Kobe, Japan	General	5,818
Tropic Star [2]	21	21	Nor.	Chile Nit. Sales Corp.	Wilmington, N. C.	Tocopilla, Chile.	Ballast	
Thorstrand [2]	21	22	Nor.	Fred Olsen Line	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Germania [1]	21	21	Ger.	Standard Oil Co.	Hamburg, Ger.	Talara, Peru	Ballast	
Silverbeech [2]	21	21	Brit.	Kerr S. S. Co.	New York, N. Y.	Vancouver, B. C.	Ballast	
Derrymore [2]	21	21	Brit.	McCowen & Gross	Baltimore, Md.	Vancouver, B. C.	Ballast	
Atenas	21	22	Amer.	United Fruit Co.	Boston, Mass.	Pto. Arm'les, R. P.	Ballast	
Baron Inchcape	21	21	Brit.	States Marine Corp.	Norfolk, Va.	Yokohama, Japan	(14)	9,504
Gretavale	21	21	Brit.	Chile Nit. Sales Corp.	Charleston, S. C.	Taltal, Chile	Ballast	
Brandanger [2]	21	21	Nor.	General S. S. Corp.	Rosario, Argen.	Vancouver, B. C.	General	2,856
Nyhorn [2]	21	22	Nor.	Knutsen Line	Goth'burg, Swed.	Vancouver, B. C.	Ballast	
Point Lobos	21	22	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	6,217
Marore	21	22	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Nuevo Panama [2]	21	22	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	190
Otina [1] [2]	22	22	Brit.	Anglo-Saxon Pet. Co.	Copengahen, Den.	Los Angeles, Cal.	Ballast	
King Egbert [2]	22	22	Brit.	King Line, Ltd.	Hull, England	Los Angeles, Cal.	Ballast	
Floridian	22	22	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,354
Tuira [2]	21		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	21		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
La Union [2]	21		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Nathan [2]	21		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[15]		20
Barge No. 5441	21		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[15]		19
Pirate [3]	22		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[15]		20
San Angelo	22	23	Amer.	Quaker Line	New York, N. Y.	Seattle, Wash.	(18)	5,855
Muncaster Castle [2]	22	23	Brit.	Barber Line	Philadelphia, Pa.	Honkong, China.	General	1,200
Jhelum	22	23	Brit.	James Nourse, Ltd.	Tampa, Fla.	Japan	(17)	6,877
Borgestad [2]	22	23	Nor.	Canadian Transp. Co.	Botwood, N. F.	Tacoma, Wash.	(18)	6,262
Svealand [2]	23	23	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Miss C. B. [3]	22	24	Brit.	Sanabria Mines, Ltd.	Tampa, Fla.	Tumaco, Colom.	Machinery	43
Santa Barbara [2]	23	24	Amer.	Grace Line	New York, N. Y.	San Antonio, Chile	General	2,385
Mobiloil [1]	23	23	Amer.	Socony Vac. Oil Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	
Losada [2]	23	23	Brit.	Pacific Steam Nav. Co.	Hull, England	Coronel, Chile	General	4,670
Frank [3]	21		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.		
Imperial [2]	23	24	Chil.	Cia. Sud Amer., Vap.	Nakskov, Den.	Valparaiso, Chile.	General	389
Pennsylvania	23	24	Amer.	Weyerhaeuser S.S. Co.	New York, N. Y.	Seattle, Wash.	General	4,757
Allende	24	24	Brit.	Morel Ltd.	Philadelphia, Pa.	Vancouver, B. C.	Ballast	
Sagoland	24	24	Phil.	Long Is. Mach. Co.	New York, N. Y.	Osaka, Japan	Scrap iron	8,441
Nurnberg [2]	23	24	Ger.	North German Lloyd.	Bremen, Germany	Valparaiso, Chile.	General	4,014
Gridley [9]	24	27	Amer.	U. S. Navy	Norfolk, Va.	Balboa, C. Z.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [8] Transport. [9] Destroyer. [11] Mine planter. [13] Whale factory. [14] Scrap iron and rails. [15] For bananas and return to Cristobal, C. Z. [18] Steel, coal, general. [17] Phosphate, cotton. [18] Copper concentrates.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Patricia [2]	24	25	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	S. Jose de Guat..	General.....	2,167
Barneveld	23	24	Neth..	Royal Neth. S. S. Co..	Hamburg, Ger...	Corral, Chile....	General.....	1,991
Dallas [9]	24	...	Amer..	U. S. Navy	Cristobal, C. Z...	Balboa, C. Z.....	Ballast.....	.....
Istmo	23	25	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z...	B'ventura, Col...	General.....	540
Sea Thrush	25	25	Amer..	Shepard S. S. Co.....	Albany, N. Y....	Seattle, Wash....	General.....	3,414
Capiro [5]	24	25	Cuban.	United Fruit Co.....	Habana, Cuba...	Puntarenas, C. R.	Tow. barge..	.....
J. L. Luckenbach.	25	25	Amer..	Luckenbach Line....	Boston, Mass....	Seattle, Wash....	Autos, gen..	4,716
Golden Sun	25	25	Amer..	Matson Nav. Co.....	Baltimore, Md...	Hilo, T. H.....	Gen., steel...	1,611
Tisnaren [2]	24	25	Swed..	Transatlantic S.S. Co.	Baltimore, Md...	Vancouver, B. C.	Ballast.....	.....
Cerigo	23	25	Ger...	Hamburg-Amer. Line.	Cristobal, C. Z...	B'ventura, Col...	Ballast.....	.....
Frida	25	25	Dan...	West Coast Line.....	New York, N. Y.	Taleahuano, Chile	General.....	2,447
Rialto [2]	24	25	Ital...	S. A. Italia.....	Trieste, Italy....	Vancouver, B. C.	Salt, gen....	1,826
Arkansan	25	25	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Seattle, Wash....	General.....	2,753
Munsterland [2]	25	25	Ger...	Hamburg-Amer. Line.	Houston, Tex....	Hongkong, China	([13])	2,730
Nathan [2]	24	...	Pan...	E. J. Hooper.....	Cristobal, C. Z...	Gatun, C. Z.[14]...	.....	20
Orazio [2]	25	26	Ital...	Italian Line.....	Genoa, Italy.....	Valparaiso, Chile.	General.....	770
Gracia	26	26	Brit...	Donaldson Bros., Ltd.	Glasgow-England	Vancouver, B. C.	General.....	465
President Adams.	26	26	Amer..	Dollar Line.....	New York, N. Y.	Round the world.	General.....	3,611
Tennessee	26	26	Nor...	Mont.-Aust.-N.Z. Line	Three Riv., Can..	Sydney, Aust'lia.	Newsprint..	5,468
Nero [2]	24	26	Neth..	Royal Neth. S. S. Co..	Cristobal, C. Z...	Tumaco, Colom..	General.....	66
Port Alma [2]	26	26	Brit...	Port Line.....	London, England	N. Plym'th, N. Z.	Gen., explos.	5,956
Taiwan [2]	26	26	Nor...	States Marine Corp..	New York, N. Y.	Yokohama, Japan	Steel, benzol.	8,442
Selma City	26	26	Amer..	Isthmian S. S. Lines..	Baltimore, Md...	Seattle, Wash....	Steel, gen...	6,607
York [12]	26	...	Brit...	British Government..	Cartagena, Col...	Balboa, C. Z.....	Ballast.....	.....
R. J. Hanna [1]	26	27	Amer..	Standard Oil of Calif.	Providence R. I..	Los Angeles, Cal.	Ballast.....	.....
Maranon	27	27	Peruv.	C. P. V. D.....	Iquitos, Peru....	Callao, Peru.....	Lumber, gen.	1,995
Fernglen [2]	27	27	Nor...	Fern Line.....	Mobile, Ala.....	Yokohama, Japan	Pig iron....	8,200
Clio [2]	26	27	Neth..	Royal Neth. S. S. Co..	Cristobal, C. Z...	Guayaquil, Ecua.	General.....	30
Liceto de Larrinaga.	27	27	Brit...	Canadian Transp. Co.	Montreal, Canada	Vancouver, B. C.	General.....	4,300
Lebore	27	27	Amer..	Ore S. S. Corp.....	Baltimore, Md...	Cruz Gr'de, Chile	Ballast.....	.....
Durazzo	23	27	Ger...	Hamburg-Amer. Line.	Manaure, Colom.	Guayaquil, Euca.	General.....	752
M-101 [5]	...	...	Amer..	U. S. Army.....	Cristobal, C. Z...	Gatun, C. Z.....	Ballast.....	.....
Tainui	28	29	Brit...	Shaw, Savill & Albion	London, England	Wellington, N. Z.	General.....	2,982
Mathew Luckenbach.	28	28	Amer..	Luckenbach Line....	Houston, Tex...	Seattle, Wash....	General.....	6,321
Acajutla	21	28	Brit...	Pacific Steam Nav. Co.	Cristobal, C. Z...	Champ'ico, Guat.	General.....	503
Uffington Court..	28	28	Brit...	Canadian Transp. Co.	Newcastle, Eng..	Vancouver, B. C.	Ballast.....	.....
Porto Bello [3]	28	29	Pan...	A. Tagaropulos.....	Cristobal, C. Z...	Real, R. P.....	General.....	3
M-101 [5]	27	..	Amer..	U. S. Army.....	Cristobal, C. Z...	Gatun, C. Z.....	Ballast.....	.....
Ariston [1] [2]	28	29	Swed..	A. S. Onassis.....	Goth'burg, Swed.	S. Francisco, Cal.	Ballast.....	.....
Canadian	29	29	Amer..	Amer.-Hawaiian Line.	Baltimore, Md...	Seattle, Wash....	General.....	4,972
Eleni	29	29	Greek.	An. Callinicos & Co...	Antwerp, Belgium	West coast.....	Ballast.....	.....
Abangarez	29	29	Amer..	United Fruit Co.....	Mobile, Ala.....	Pto. Arm'les, R. P.	Ballast.....	.....
San Cipriano [1] [2]..	29	29	Brit...	Eagle Oil & Ship. Co..	Plymouth, Eng..	Los Angeles, Cal.	Ballast.....	.....
Minerva [2]	29	29	Nor...	Chile Nit. Sales Corp.	Charleston, S. C.	Tocopilla, Chile..	Ballast.....	.....
City of Bedford..	29	29	Brit...	Ellerman & Bucknall.	Baltimore, Md...	Shanghai, China.	Steel, gen...	2,024
Benjamin Franklin.[2]	29	30	Nor...	Fred Olsen & Co.....	Oslo, Norway....	Vancouver, B. C.	General.....	1,725
Tuira [2]	28	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z...	Balboa, C.Z.....	Ballast.....	.....
Pirre [2]	28	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z...	Balboa, C. Z.....	Ballast.....	.....
Sona	28	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z...	Balboa, C. Z.....	Ballast.....	.....
Real [2]	28	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z...	Balboa, C. Z.....	Ballast.....	.....
Nathan [2]	28	...	Pan...	E. J. Hooper.....	Cristobal, C. Z...	Gatun, C. Z.[14]...	.....	20
Sambu [2]	28	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z...	Balboa, C. Z.....	Sugar, mach.	88
Barge No. 5441...	28	...	Pan...	E. J. Hooper.....	Cristobal, C. Z...	Gatun, C. Z.[14]...	.....	20
Annie Johnson [2]..	29	30	Swed..	Johnson Line.....	Stockholm, Swed.	S. Francisco, Cal.	General.....	4,226
Embassage	29	30	Brit...	Anglo-Can. S. S. Co...	N. Shields, Eng..	Vancouver, B. C.	Ballast.....	.....
Texas Sun [1] [2]....	30	30	Amer..	Sun Oil Co.....	Chester, Pa.....	Los Angeles, Cal.	Ballast.....	.....
Coloradan	30	30	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Portland, Oreg...	General.....	2,441
Wyangarie [2]...	29	7–2	Brit...	North Coast Co.....	Kramfors, Swed..	Sydney, Aust'lia.	Timber.....	702
Chilore	28	30	Amer..	Ore S. S. Corp.....	Baltimore, Md...	Cruz Gr'de, Chile	Ballast.....	.....
Fort Ross [2]	30	1	Brit...	Hudson Bay Co.....	Lunenberg, N. S.	Vancouver, B. C.	Ballast.....	.....
Northmoor [2]	30	30	Brit...	Continental Grain Co.	Galveston, Tex..	Australia.....	Sulphur.....	7,641
Starcross	30	4	Brit...	Seaboard Lumber Co.	Cardiff, England.	Vietoria, B. C....	Ballast.....	.....
Boren	30	30	Swed..	Transatlantic S. S. Co.	New York, N. Y.	Yawata, Japan...	Scrap iron...	7,263
Pirate [2]	30	...	Pan...	E. J. Hooper.....	Cristobal, C. Z...	Gatun, C. Z.[14]...	.....	20
Frank [3]	28	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z...	Balboa, C. Z.....	Ballast.....	.....
Oregon [2]	30	1	Fr....	French Line.....	Antwerp, Belgium	Valparaiso, Chile.	General.....	2,387
City of Bagdad...	30	1	Brit...	Ellerman & Bucknall.	Glasgow-England	Sydney, Aust'lia.	General.....	5,017
Chateau Thierry [8]	30	...	Amer..	U. S. Army.....	New York, N. Y.	Balboa, C. Z.....	General.....	496
Sea Horse [5]	...	...	Amer..	N. E. Parker.....	Cristobal, C. Z...	Balboa, C. Z.....	Ballast.....	.....
Dolores [5]	...	...	Amer..	U. S. Army.....	Cristobal, C. Z...	Gatun, C. Z.....	Ballast.....	.....
Canadian Reefer [2]	7–1	2	Dan...	J. Lauritzen.....	Antwerp, Belgium	Los Angeles, Cal.	Ballast.....	.....
Istmo	30	2	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z...	B'ventura, Col...	General.....	390
Karamea [2]	2	2	Brit...	Shaw, Savill & Albion.	Liverpool, Eng...	Auckland, N. Z..	General.....	5,503
Dallington Court.	2	2	Brit...	Canadian Transp. Co.	Manchester, Eng.	Vancouver, B. C.	Sugar.....	6,175

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [9] Destroyer. [13] Cotton, iron, general. [14] For bananas and return to Cristobal, C. Z.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Lancaster Castle	2	2	Brit.	Chile Nit. Sales Corp.	Antwerp, Belgium	Tocopilla, Chile	Ballast	.....
Santa Rita [2]	1	2	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile	General	2,658
Eskbank [2]	2	2	Brit.	Andrew Weir & Co.	Philadelphia, Pa.	Los Angeles, Cal.	Ballast	.....
Lillian Luckenbach.	2	2	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,399
San Francisco	1	2	Fr.	French Line	Havre, France	Vancouver, B. C.	(13)	6,287
Steelore	1	2	Amer.	Ore S. S. Corp.	Norfolk, Va.	Cruz Gr'de, Chile	Ballast	.....
Uyo Maru [2]	2	2	Jap.	Mitsui Line	New York, N. Y.	Japan	(14)	9,020
Winona	2	2	Amer.	Weyerhaeuser S.S. Co.	Boston, Mass.	Everett, Wash.	General	3,276
Ino [2]	1	2	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Tumaco, Colom.	General	67
Nevadan	2	2	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,181
California Standard.[1] [2]	2	3	Pan.	Standard Oil of Calif.	Rotterdam, Neth.	S. Francisco, Cal.	Ballast	.....
Itauri	2	3	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	2,259
Kaldfonn [1] [2]	2	4	Nor.	Standard Oil Co	Aruba, N. W. I.	Guayaquil, Ecua.	Fuel oil	13,865
Canadian Constructor.	2	3	Brit.	Mont.-Aust.-N.Z.Line	Montreal, Canada	Bluff, N. Z.	General	4,844
Brimanger [2]	2	3	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Presdent de Vogue. [1] [2]	3	3	Nor.	Comp. des Prod. Chim. Raffineries de Berre.	Pt. de Bouc, France	Talara, Peru	Ballast	.....
Pacific President [2]	3	3	Brit.	Furness, Withy & Co.	Glasgow-England	Vancouver, B. C.	General	407
San Ambrosio [1] [2]	3	3	Brit.	Eagle Oil & Ship. Co.	London, England	Los Angeles, Cal.	Ballast	.....
Emergency Aid	3	3	Amer.	McCormick S. S. Co.	Philadelphia, Pa.	Seattle, Wash.	General	5,932
Ulm [2]	3	3	Ger.	North German Lloyd.	Bremen, Ger.	Los Angeles, Cal.	General	267
Ronda [2]	3	3	Nor.	Mitsui Bussan Kaisha	Galveston, Tex.	Osaka, Japan	General	4,255
Silveryew [2]	3	3	Brit.	S. & J. Thompson	Boston, Mass.	Honkgong, China	General	3,288
Alamar	3	3	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Gen., steel	6,361
Treverbyn	3	3	Brit.	Andrew Weir & Co.	Liverpool, N. S.	Melbourne, Aust.	Paper	4,835
Asosan Maru [2]	3	3	Jap.	Mitsui & Co.	New York, N. Y.	Manila, P. I.	(15)	4,652
Gertrude Maersk [2]	3	4	Dan.	Isbrandtsen Moller Co.	New York, N. Y.	Manila, P. I.	General	4,698
Stylianos Chandris	3	4	Greek.	John Chandris	Quebec, Canada	Japan	Scrap iron	7,500
Anglo Saxon	3	4	Brit.	Lawther, Latta & Co.	Tyne, England	Vancouver, B. C.	Ballast	.....
Buenos Aires Maru.[2]	4	5	Jap.	Osaka Shosen Kaisha.	Buenos Aires, Arg.	Kobe, Japan	(16)	2,904
Oregon Express [2]	4	4	Nor.	Fruit Express Line	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Hopeerown [2]	4	4	Brit.	Olive Shipping Co.	Tyne, England	Vancouver, B. C.	Ballast	.....
Cerigo	2	4	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	202
Queen Anne	4	5	Brit.	Mont.-Aust.-N.Z.Line	Pt. Alfred, Can.	Adelaide, Aust'lia	Paper	5,583
Reina del Pacifico[2]	3	4	Brit.	Pacific Steam Nav. Co	Liverpool, Eng.	Valparaiso, Chile.	General	3,095
Amerikaland [2]	4	5	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Golden Mountain.	4	5	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	San Diego, Calif.	Gen., steel	2,830
Bahrein [1]	4	5	Pan.	Standard Oil of Calif.	London, England	S. Francisco, Cal.	Ballast	.....
Herman F. Whiton	5	5	Amer.	Union Sulphur Co.	Galveston, Tex.	Everett, Wash.	Sulphur	4,250
Tyr [2]	5	5	Nor.	Thorvald Hansen	Texas City, Tex.	Japan	Scrap iron	6,268
American Reefer [2]	5	5	Dan.	J. Lauritzen	Hamburg, Ger.	Los Angeles, Cal.	Ballast	.....
Camden [1]	5	5	Amer.	Shell Oil of St. Louis	Boston, Mass.	Los Angeles, Cal.	Ballast	.....
Nankai Maru [2]	5	5	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Dairen, China	Autos, steel	7,044
Ionie Star	5	5	Brit.	Blue Star Line	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
Point Chico	5	5	Amer.	Swayne & Hoyt	Houston, Tex.	Tacoma, Wash.	General	5,198
Weser	4	5	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	7,081
Narenta	4	6	Brit.	Royal Mail Line, Ltd.	Rotterdam, Neth.	Vancouver, B. C.	General	3,683
Smaragd	6-30	5	Nor.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	1,602
Porto Bello [3]	5	5	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Steel Inventor	6	6	Amer.	Isthmian S. S. Lines.	Mobile, Ala.	Seattle, Wash.	(17)	6,094
American Robin	6	6	Amer.	Amer.-For. S. S. Corp	Baltimore, Md.	S. Francisco, Cal.	Sulphur	7,200
Atenas	5	6	Amer.	United Fruit Co.	Mobile, Ala.	Pto. Arm'les, R. P.	Ballast	.....
Cape St. Andrew.	6	6	Brit.	States Marine Corp.	Panama City, Fla.	Yokohama, Japan	Scrap steel	7,924
Arizonan	6	6	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,526
Matros [2]	6	6	Pan.	Chile Nit. Sales Corp.	Norfolk, Va.	Callao, Peru	Coal	2,008
Nuevo Panama [2]	5	6	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	250
La Union [2]	5	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	5	6	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	82
Pirate [3]	6	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [18]	.....	20
Nathan [2]	5	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [18]	.....	20
Barge No. 5441	5	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [18]	.....	20
Medon [2]	6	7	Brit.	Mitsubishi S. Kaisha.	Habana, Cuba	Yokohama, Japan	Scrap steel	7,021
Olney [1]	7	7	Amer.	Shell Oil Co.	Mobile, Ala.	Los Angeles, Cal.	Ballast	.....
Rangitata [2]	7	8	Brit.	N. Z. Shipping Co.	London, England	Auckland, N. Z.	Gen., frozen	5,450
Clytoneus [2]	7	7	Brit.	Alfred Holt & Co.	Liverpool, Eng.	Shanghai, China.	General	2,240
Ferneliff [2]	7	7	Nor.	Chile Nit. Sales Corp.	Savannah, Ga.	Iquique, Chile	Ballast	.....
Santa Lucia	7	8	Amer.	Grace Line	New York, N. Y.	San Antonio, Chile	General	2,870
Sofie Bakke [2]	6	8	Nor.	Knut Knutsen Line	Belfast, Ireland.	Vancouver, B. C.	Ballast	.....
Tai Yin [2]	7	8	Nor.	Barber Line	Baltimore, Md.	Hongkong, China	General	2,273
Steelmaker	8	8	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Honolulu, T. H.	Steel, gen.	2,404
Keiyo Maru [2]	8	8	Jap.	Nippon Yusen Kaisha	Baltimore, Md.	Kobe, Japan	(19)	7,095
Asturias	8	8	Nor.	S. S. Owners Corp.	Rio Hacha, Col.	Tumaco, Colom.	Salt	2,850

[1] Tanker. [2] Motor ship. [3] Motor schooner. [13] Coke, iron, general. [14] Gasoline, steel bars. [15] Steel, lubricating oil, etc. [16] General, tinplate, etc. [17] Tinplate, steel. [18] For bananas and return to Cristobal, C. Z. [19] General, lubricating oil, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Valparaiso [2]	7	8	Swed.	Johnson Line	Goth'burg, Swed.	Valparaiso, Chile.	Gen., mach.	750
Cities Service Ohio. [2]	8	9	Amer.	Dominion Tar and Chemical Co.	New York, N. Y.	Vancouver, B. C.	Creosote, tar	9,531
San Bernardino	7	9	Amer.	Quaker Line	New York, N. Y.	Seattle, Wash.	General	4,825
Laila	8	9	Dan.	Wessel, Duval & Co.	New York, N. Y.	Talcahuano, Chile	General	1,807
Kansan	8	9	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	2,609
Fortuna [3]	9	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Charles R. Mc Cormick.	9	9	Amer.	McCormick S. S. Co.	Philadelphia, Pa.	Seattle, Wash.	General	3,531
Clio [2]	8	9	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	Ballast	.....
Sangstad [2]	9	9	Nor.	Fern Line	Savannah, Ga.	Yawata, Japan	Scrap iron	7,204
Breda	6	9	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	950
Osnabruck [2]	8	9	Ger.	North German Lloyd.	Hamburg, Ger.	Valparaiso, Chile.	General	2,933
Potter [2]	9	11	Amer.	Roosevelt S. S. Co.	Philadelphia, Pa.	Adelaide, Aus'lia.	Gen., gasoline	3,772
Nathan [2]	8	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]	.....	20
Missourian [2]	9	10	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,855
Lewis Luckenbach	9	10	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	4,771
Corrientes	10	10	Brit.	Donaldson Line	Glasgow-England	N. Westm'er, B.C.	General	520
Yamaura Maru	10	10	Jap.	Yamashita K. Kaisha	Buenos Aires, Arg.	Kobe, Japan	Cotton, oil	4,792
Pericles [1] [2]	10	10	Nor.	Kawasaki K. Kaisha.	Hamburg, Ger.	Cabo Bl'co, Peru	Ballast	.....
Ravnaas [2]	10	10	Nor.	S. S. Owners Oper. Co	Pt. Royal, Jam.	Yavaros, Mexico	Ballast	.....
Nero [2]	9	10	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	75
Tuira [2]	9	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	9	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Hertford	10	11	Brit.	Federal Steam Nav. Co.	Wanganui, N. Z.	S'hampton, Eng.	Frozen, gen.	6,371
Poseidon	11	12	Ger.	F. Laeisz	Callao, Peru	Hamburg, Ger.	Copper, gen.	8,399
F. J. Luckenbach.	11	11	Amer.	Luckenbach Line	Los Angeles, Cal.	New Orleans, La.	Lumber, gen.	6,177
British Columbia Express. [2]	11	11	Nor.	Fruit Express Line	Los Angeles, Cal.	Hook of Holland.	Citrus fruit.	2,492
Hawaiian	11	11	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	General	5,705
Porto Bello [2]	11	11	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(15)	11
Rambler [13]	11	...	Amer.	F. V. Barker	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Matros [2]	11	12	Pan.	Chile Nit. Sales Corp.	Antof'gasta, Chile	Charleston, S. C.	Nitrate	6,570
Orbita	11	12	Brit.	Pacific Steam Nav. Co	San Antonio, Chile	Liverpool, Eng.	General	6,257
Trois Ilets	12	...	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	347
Sage Brush	12	12	Amer.	Shepard S. S. Co.	Everett, Wash.	Albany, N. Y.	Lumber, gen.	8,112
Hopestar	12	12	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Alexandria, Egypt	Nit. of soda.	9,150
John Worthington [1]	12	13	Amer.	Standard Oil of N. J.	Talara, Peru	Aruba, N. W. I.	(16)	10,792
Karmt	12	13	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Wilmington, N.C.	Nitrate	8,865
Gannet [4]	13	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Winslow [5]	13	15	Amer.	U. S. Army	Balboa, C. Z.	Gatun Lake, C.Z.	.....	.....
Santa Rita [2]	13	13	Amer.	Grace Line	Antof'gasta, Chile	New York, N. Y.	General	2,610
Baarn	13	13	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	6,748
Oregonian	13	13	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	6,275
Seattle [2]	13	14	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	7,930
Gryfevale	13	13	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Azores [17]	Nit. of soda.	7,780
Troja	13	14	Ger.	Hamburg-Amer. Line.	Puntarenas, C. R.	Hamburg, Ger.	General	903
Pukkastan	13	13	Brit.	Anglo-Can. S. S. Co.	M'bride Bay, B.C.	London, England	Lumber, gen.	9,740
Erria [2]	13	14	Dan.	East Asiatic Co.	Los Angeles, Cal.	Copenhagen, Den.	General	6,782
Pakeha	13	13	Brit.	Shaw, Savill & Albion	New Zealand	London, England	Frozen, gen.	5,416
Steelore	14	14	Amer.	Ore S. S Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Fulda	14	15	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	8,361
Aase Maersk [1] [2]	14	14	Dan.	P. Hansen	Talara, Peru	Dunkerque, Fr.	Crude oil	9,190
Frank [2]	14	...	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Pirre [2]	14	15	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Real [2]	14	15	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
Somerville [2]	14	15	Nor.	States Marine Corp.	Manila, P. I.	E. coast, U. S. A.	Sugar	7,100
Alaskan	15	15	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	5,782
Abraham Lincoln [2]	14	17	Nor.	Fred Olsen & Co.	N. Westm'er, B.C.	Oslo, Norway	General	8,407
Hadleigh	15	15	Brit.	Seaboard Ship. Co.	Pt. Alberni, B. C.	Hull, England	Grain, lum.	9,400
Lieut. Col. H. C. Schumm. [4]	15	17	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Hindanger [2]	15	16	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	General	7,680
Drechtdijk [2]	15	17	Neth.	N. Pac. Coast Line	Victoria, B. C.	Rotterdam, Neth.	General	10,258
San Cirilo [1] [2]	16	16	Brit.	Eagle Oil & Ship. Co.	Los Angeles, Cal.	Lizard, Eng. [17]	(16)	11,712
Pereira	16	21	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C.Z.	General	748
Rhakotis [2]	16	17	Ger.	Hamburg-Amer. Line.	Talcahuano, Chile	Hamburg, Ger.	General	7,907
Texas Sun [1] [2]	16	16	Amer.	Sun Oil Co.	Los Angeles, Cal.	Chester, Pa.	Gasoline	14,924
Wichita [2]	16	16	Amer.	Roosevelt S. S. Co.	Melbourne, Aust.	Baltimore, Md.	Ore, general.	7,395
Istmo	16	18	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	721
Manizales	16	18	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,168
Clio [2]	16	18	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	206
Amerikaland [2]	16	17	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,250

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [13] Motor boat. [14] For bananas and return to Cristobal, C. Z. [15] Plantains, lumber. [16] Gasoline, kerosene. [17] For orders.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator.)	Port		Cargo	
					From—	For—	Nature	Long tons
Trontolite [1] [2]	16	17	Brit.	Imperial Oil Ship. Co.	Talara, Peru	Halifax, N. S.	Gasoline	7,522
Hollywood	16	17	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,096
Atutasan Maru [2]	16	17	Jap.	Mitsui Bussan Kaisha	Cebu, P. I.	New York, N. Y.	General	6,519
California Express	[2]17	17	Nor.	Fruit Express Line	Los Angeles, Cal.	London, England	Fresh fruit	1,826
Virgilio [2]	17	18	Ital.	Societa Italia	Valparaiso, Chile.	Genoa, Italy	General	2,836
Ino [2]	17	18	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	476
Munchen [2]	17	19	Ger.	North German Lloyd.	Corral, Chile	Bremen, Germany	General	6,364
Dallas No. 199 [9]	18	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
William Luckenbach.	17	18	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	(14)	8,830
Fernciff [2]	18	18	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Savannah, Ga.	(15)	7,785
Skjelbred [2]	18	18	Nor.	Kawasaki K. Kaisha.	Dairen, China	Houston, Tex.	Sugar, gen.	5,603
Abangarez	18	18	Amer.	United Fruit Co.	Pto.Arm'les,R.P.	Mobile, Ala.	Bananas	1,600
Hokuroku Maru [2]	17	18	Jap.	Osaka Shosen Kaisha.	Dairen, China	New York, N. Y.	General	1,958
Tsuyama Maru	18	18	Jap.	Nippon Yusen Kaisha.	Manila, P. I.	New Orleans, La.	General	3,178
Socony Vacuum [1]	18	18	Amer.	Socony Vac. Oil Co.	Los Angeles, Cal.	Providence R. I.	Gasoline	14,313
Porto Bello [2]	18	18	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(16)	5
Sambu [2]	18	18	Pan.	E. J. Hooper	Balboa, C. Z.	Cristobal, C. Z.	Scrap lumber	5
Point Brava	18	19	Amer.	Swayne & Hoyt	Seattle, Wash.	New Orleans, La.	Lumber, gen.	5,480
Celtic Monarch	18	19	Brit.	Canadian Transp. Co.	Vancouver, B. C.	London, England	Lum., grain.	8,196
Monkleigh	19	19	Brit.	Seaboard Ship. Co.	Chemainus, B. C.	Manchester, Eng.	Lumber	7,855
Athelchief [1] [2]	19	19	Brit.	Brit. Bitumen Refin.	Richmond, Calif.	Trinidad, B.W.I.	Asphalt	8,541
Temple Mead	19	19	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Azores [17]	Nit. of soda	7,790
Mahia	19	19	Brit.	Shaw, Savill & Albion.	New Zealand	London, England	Frozen, gen.	7,078
Helga	19	20	Dan.	J. Lauritzen	Tocopilla, Chile.	Norfolk, Va.	Nitrates	2,700
Bidwell [1] [2]	19	20	Amer.	Union Oil of Calif.	Pt. San Luis.	New York, N. Y.	Crude oil	10,956
Cromarty [2]	19	20	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Chatham, Eng.	Lumber, zinc	7,270
Wairangi [2]	19	20	Brit.	Shaw, Savill & Albion.	Wellington, N.Z.	London, England	Frozen, gen.	6,782
Liberator	20	20	Amer.	Lykes Bros.-Ripley	Manila, P. I.	New Orleans, La.	Sugar, copra.	10,006
Yamakaze Maru [2]	20	21	Jap.	Yamashita K. Kaisha	Dairen, China	BuenosAires,Arg.	Oil, gen.	1,461
President Herrenschmidt.[1] [2]	20	20	Nor.	Soccomar, Paris	La Libertad, Salvador.	Donges, France.	Crude oil	13,318
Jefferson Myers	20	20	Amer.	Canadian-Gulf Line.	Powell Riv., B. C.	Houston, Tex.	Lum., paper.	7,854
King John [2]	20	20	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Hull, England	Lumber, gen.	7,990
Honomu	20	20	Amer.	Matson Nav. Co.	Kahului, T. H.	Baltimore, Md.	(18)	7,950
Californian [2]	20	21	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	7,089
Chisone [2]	20	22	Ital.	Italian Line	Vancouver, B. C.	Trieste, Italy	General	7,245
Maimoa	20	21	Brit.	Shaw, Savill & Albion.	Auckland, N. Z.	United Kingdom.	Frozen, gen.	6,131
Nuevo Panama [2]	21	22	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	82
Acajutla	21	28	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	General	456
Santa Lucia	21	21	Amer.	Grace Line	SanAntonio,Chile	New York, N. Y.	General	5,378
San Mateo	21	22	Fr.	French Line	Vancouver, B. C.	Havre, France	Lumber, gen.	7,343
Paula	21	21	Dan.	West Coast Line	Los Vilos, Chile.	New York, N. Y.	Copper ore	2,450
Real [2]	21	22	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
Tuira [2]	21	22	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	59
Frank [2]	21	23	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
La Union [2]	21	22	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
Blue Moon [13]	21	...	Pan.	Jose D. Rodomiche	Panama, R. P.	Colon, R. P.	Ballast	.....
Silverpalm [2]	21	23	Brit.	Silver Line, Ltd.	Vancouver, B. C.	Calcutta, India	Lumber, gen.	6,378
Merchant Royal	21	22	Brit.	Seaboard Ship. Co.	Fraser River,B.C.	Montreal,Canada	Lumber, rice	6,779
Navarino	21	22	Brit.	Canadian Transp. Co.	Portland, Oreg.	Garston, England	Lum., grain.	8,867
Iowan	21	22	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	5,230
Sanyo Maru [2]	22	22	Jap.	Osaka Shosen Kaisha.	Kobe, Japan	Buenos Aires,Arg.	General	1,484
Anniston City	22	22	Amer.	Isthmian S. S. Lines	S. Francisco, Cal.	Avonmouth,Eng.	Lumber, gen.	8,157
Tolken	22	23	Swed.	Transatlantic S. S. Co.	Nauru Is., B. M.	Kotka, Finland	Phosphates	7,500
Washington	22	22	Amer.	Weyerhaeuser S.S. Co.	Everett, Wash.	Philadelphia, Pa.	Lumber, gen.	7,367
Lady Clara [2]	22	...	Amer.	B. W. Stephenson	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Katsuragi Maru [2]	23	23	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	Silk, gen.	808
W. R. Keever	23	23	Amer.	Dutton Lumber Corp.	Portland, Oreg.	New York, N. Y.	Lumber	7,500
Tai Ping Yang [2]	23	24	Nor.	Barber-Wilhelmsen	Davao, P. I.	New York, N. Y.	General	5,163
Istmo	23	25	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	(19)	724
Cerigo	23	25	Ger.	Hamburg-Amer. Line.	Callao, Peru	Cristobal, C. Z.	Coffee, gen.	1,187
Horace Luckenbach.	23	24	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,561
Sveve [1] [2]	24	24	Nor.	Eagle Oil & Ship. Co.	S. Francisco, Cal.	Curacao, N. W. I.	Gasoline	9,268
Nero [2]	24	26	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	499
San Calisto [1] [2]	24	24	Brit.	Anglo-Mex. Pet. Co.	Martinez, Calif.	United Kingdom.	Gasoline	11,448
Franz Klasen [1] [2]	24	24	Pan.	W. Tankschiff Rhed'i.	Talara, Peru	Rotterdam, Neth.	Mineral oil	17,523
Noto Maru [2]	24	25	Jap.	Nippon Yusen Kaisha	Manila, P. I.	New York, N. Y.	Sugar, gen.	6,191
L-53 [5]	24	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Tacoma	25	26	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	Lumber, gen.	8,233
Asaka Maru [2]	25	25	Jap.	Nippon Yusen Kaisha	Yokohama,Japan	Hamburg, Ger.	General	7,683
Maine	25	25	Amer.	Calif.-Eastern Line	San Diego, Calif.	Jacksonville, Fla.	Lumber, gen.	7,002
Heranger [2]	25	25	Nor.	Interocean S. S. Corp.	Seattle, Wash.	Rotterdam,Neth.	(20)	7,826
Atenas	25	25	Amer.	United Fruit Co.	Pto.Arm'les,R.P.	Mobile, Ala.	Bananas	1,505
Marie Bakke [2]	24	25	Nor.	Knut Knutsen	Vancouver, B. C.	S'hampton, Eng.	Lumber, gen.	6,496
Laguna [2]	25	26	Brit.	Pacific Steam Nav. Co.	Coronel, Chile	Liverpool, Eng.	General	8,689

[1] Tanker. [2] Motor ship. [5] Launch. [9] Destroyer. [13] Motor boat and panga. [14] Lumber, canned goods. [15] Nitrates, sulphate. [16] Plantains, lumber. [17] For orders. [18] Sugar, canned pines. [19] Coffee, printed matter. [20] Grain, lumber, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Brazilian Reefer [2]	25	25	Dan...	J. Lauritzen.....	Los Angeles, Cal.	Goth'burg, Swed.	Oranges....	1,548
Kunikawa Maru [2]	25	26	Jap...	Kawasaki K. Kaisha.	Dairen, China...	New York, N. Y.	Oil, gen.....	2,091
Resguardo Nacional.[2]	25	...	Pan...	Panama Government.	Panama, R. P...	Gamboa, C. Z.[13].	Tow. launch.	.....
Ida [2].....	25	...	Pan...	N. Lombardovega....	Panama, R. P....	Colon, R. P.....	Ballast.....	.....
Winslow [5].....	25	...	Amer..	U. S. Army.....	Balboa, C. Z.....	Cristobal, C.Z...	.....	.....
Massmar.....	25	26	Amer..	Calmar S. S. Corp...	Seattle, Wash...	Baltimore, Md...	([14])	5,759
Florence Luckenbach.	26	26	Amer..	Luckenbach Line....	Portland, Oreg...	Mobile, Ala.....	General.....	4,928
Clio [2].....	26	27	Neth..	Royal Neth. S. S. Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee, hides	531
Willmoto [2].....	26	26	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Baltimore, Md...	Lumber, gen.	7,105
Hegira.....	26	26	Amer..	Weyerhaeuser S. S. Co	S. Francisco, Cal.	Baltimore, Md...	Lumber, gen.	10,000
Amagisan Maru [2].	26	26	Jap...	Mitsui Bussan Kaisha	Iloilo, P. I.....	New York, N. Y.	([15])	8,625
Porto Bello [2].....	25	26	Pan...	Antonio Tagaropulos.	Darien, R. P....	Colon, R. P.....	([16])	14
Margaret Johnson. [2]	27	28	Swed..	Red. AB Nordstjernan	Vancouver, B. C.	Stockholm, Swed.	General.....	6,249
Eridan [2].....	27	28	Fr....	Messageries Marit'es.	Noumea, N.Caled	Marseilles, France	Coffee, gen..	4,733
Loosdrecht [1] [2]...	27	27	Neth..	Van Ommerman Co..	S. Francisco, Cal.	Hamburg, Ger...	Gasoline....	14,016
Pennsylvanian...	27	27	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Boston, Mass....	General.....	5,389
Mill Hill.....	27	27	Brit...	Chile Nit. Sales Corp.	Iquique, Chile...	Azores [17].....	Nitrate.....	7,250
Dalhanna.....	27	27	Brit...	Seaboard Lumber Co.	Vancouver, B. C.	London, England	Grain, lum..	6,727
Vibran [2].....	27	27	Nor...	Knut Knutsen Line..	Los Angeles, Cal.	Liverpool, Eng...	Fresh fruit..	1,600
L-41 [5].....	27	...	Amer..	U. S. Army.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Kiyosumi Maru [2].	28	28	Jap...	Kokusai Kisen Kaisha	Manila, P. I.....	Quebec, Canada.	Silk, gen....	3,175
General Wm. M. Graham. [11]	28	...	Amer..	U. S. Army.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Chickasaw City..	28	28	Amer..	Isthmian S. S. Lines..	Hawaiian Is.....	New York, N. Y.	([18])	8,357
City of Glasgow..	28	29	Brit...	Mont.-Aust.-N.Z.Line	Noumea, N.Caled	Montreal, Canada	General.....	6,142
St. Mihiel [8].....	28	29	Amer..	U. S. Army.....	S. Francisco, Cal.	Brooklyn, N. Y..	General.....	169
Sambu [2].....	28	29	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	45
Tuira [2].....	28	29	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	63
Pirre [2].....	28	29	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	45
Sona [2].....	28	29	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	30
Real [2].....	28	29	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	24
Frank [2].....	28	30	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	26
Bethore.....	29	29	Amer..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	21,500
West Nilus.....	4	29	Amer..	McCormick S. S. Co..	N. West'er, B. C.	Buenos Aires, Arg.	General.....	6,808
Rena [2].....	28	29	Nor...	J. J. Moore & Co....	Manila, P. I.....	New Orleans, La.	Sugar.....	7,390
Germania [1] [2]....	29	30	Ger...	Standard Oil of N. J..	Talara, Peru....	Rotterdam, Neth.	([19])	14,200
Bogota [2].....	29	7-2	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cartagena, Col..	Coffee, gen..	1,024
Doric Star.....	30	30	Brit...	Blue Star Line.....	N.Plymouth, N.Z.	London, England	([20])	7,126
Honolulan.....	30	30	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass....	General.....	5,142
Santa Maria [2]....	30	30	Amer..	Grace Line.....	Valparaiso, Chile.	New York, N. Y.	General.....	3,894
Metakana.....	29	30	Brit...	Shaw, Savill & Albion	Oamaru, N. Z...	Glasgow, Scot...	General.....	6,309
Smaragd.....	30	5	Nor...	Grace Line.....	Champ'ico, Guat.	Cristobal, C. Z..	Coffee, gen..	902
Istmo.....	30	2	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	([21])	728
Ino [2].....	7-1	2	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z..	Coffee, gen..	315
Hoxbar [1].....	1	1	Amer..	Petrol Corp., L. A...	Pt. Petrol, Calif.	Baltimore, Md...	Crude oil...	9,900
Waynegate.....	1	1	Brit...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Azores [17].....	Nitrate.....	7,428
Bodegraven.....	1	1	Neth..	Royal Neth. S. S. Co.	Corral, Chile....	Hamburg, Ger...	General.....	7,769
K. I. Luckenbach.	1	1	Amer..	Luckenbach Line....	Seattle, Wash...	Boston, Mass....	General.....	7,707
Marchen Maersk [2]	1	3	Dan...	A. P. Moller.....	Cebu, P. I.....	New York, N. Y.	General.....	6,847
Snapper [7].....	1	...	Amer..	U. S. Navy.....	Valparaiso, Chile.	Portsmouth, N.H.	.....	.....
Cerigo.....	2	4	Ger...	Hamburg-Amer. Line.	B'ventura, Col...	Cristobal, C. Z..	Coffee, hides	610
Cubore.....	1	3	Amer..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	10,600
Abangarez.....	2	2	Amer..	United Fruit Co.....	Pto. Arm'les, R. P.	Mobile, Ala.....	Bananas....	1,800
Edwin Christenson.	2	2	Amer..	Sudden & Christenson	So. Bend, Wash.	Baltimore, Md...	Lumber....	7,220
Belita [1] [2].....	2	2	Nor...	Sigurd Honningsvaag	San Luis, Calif..	Antwerp, Belg...	Crude oil...	9,787
Meton [1].....	2	3	Amer..	Shell Oil Co.....	El Segundo, Calif.	Curacao, N. W. I.	Gas oil.....	10,615
Athelcrown [1] [2]..	2	3	Brit...	United Molasses Co..	Hilo, T. H.....	United Kingdom.	Molasses....	17,527
Kosei Maru [2]....	2	3	Jap...	Hiroumi Shoji Kaisha.	Kobe, Japan.....	New York, N. Y.	Silk, gen....	9,213
Wind Rush.....	3	3	Amer..	Shepard S. S. Co.....	Seattle, Wash....	Boston, Mass....	Lumber, gen.	7,856
Nako Maru [2]....	3	3	Jap...	Nippon Yusen Kaisha.	Manila, P. I.....	Baltimore, Md...	Sugar, gen...	4,215
Helen Whittier...	3	3	Amer..	Bulk Carriers Corp...	Astoria, Oreg....	Philadelphia, Pa.	Lumber.....	7,734
Dusseldorf [2].....	3	4	Ger...	North German Lloyd.	Coronel, Chile...	Hamburg, Ger...	General.....	5,142
Washington Express.[2]	3	3	Nor...	Fruit Express Line...	Los Angeles, Cal.	London, England	Fruit.....	2,000
Point Ancha.....	3	3	Amer..	Swayne & Hoyt.....	Seattle, Wash....	New Orleans, La.	General.....	6,143
Simla.....	3	3	Nor...	Wilh. Wilhelmsen....	Rashin, Korea...	Hamburg, Ger...	Soy beans...	8,013
Porto Bello [2].....	2	5	Pan...	A. Tagaropulos.....	Darien, R. P.....	Colon, R. P.....	([16])	3
Santa Inez [2].....	3	4	Amer..	Grace Line.....	Chanaral, Chile..	New York, N. Y.	General.....	3,075
Reginolite [1] [2]....	4	4	Brit...	Imperial Oil Ship. Co.	Lobitos, Peru....	Halifax, N. S....	Crude oil...	12,186
Fordsdale.....	4	4	Brit...	Shaw, Savill & Albion	Pt. Chalmers, N.Z.	London, England	Frozen, gen..	5,089
San Conrado [1] [2].	4	4	Brit...	Anglo-Mex. Oil Co...	Los Angeles, Cal.	United Kingdom.	Gasoline....	11,736
Orduna.....	4	5	Brit...	Pacific Steam Nav. Co.	Talcahuano, Chile	Liverpool, Eng...	General.....	4,876
San Jose.....	4	5	Fr....	French Line.....	Vancouver, B. C.	Havre, France...	General.....	6,540

[1] Tanker. [2] Motor ship. [6] Launch. [7] Submarine. [8] Transport. [11] Mine planter. [13] And return to Balboa, C. Z. [14] Lumber, copper slabs. [15] Sugar, silk, general. [16] Lumber, plantains. [17] For orders. [18] Sugar, pines, canec. [19] Gasoline and gas oil. [20] Refrigerated and general. [21] Coffee, printed matter.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
West Ivis	4	7	Amer.	McCormick S. S. Co.	Vancouver, B. C.	Buenos Aires, Arg.	Lumber, gen.	6,020
Mexican	4	5	Amer.	Amer.-Hawaiian Line.	Los Angeles, Cal.	Boston, Mass.	General	7,058
Alaska	5	7	Fr.	French Line	Talcahuano, Chile	Havre, France	General	8,350
San Gabriel	5	5	Amer.	Pac.-Atlantic S. S. Co.	Marshfield, Oreg.	Philadelphia, Pa.	Lumber, gen.	5,603
Nuevo Panama [2]	5	6	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	85
W. H. Berg [1]	5	5	Amer.	Standard Oil of Calif.	Los Angeles, Cal.	England	Gasoline	11,355
Chateau Thierry [8]	1	6	Amer.	U. S. Army	Balboa, C. Z.	New York, N. Y.	Army stores.	105
Tosan Maru	5	6	Jap.	Osaka Shosen Kaisha.	Singapore, St. Sett	Baltimore, Md.	Sugar, gen.	5,380
Berganger [2]	5	6	Nor.	Interocean S. S. Line.	Portland, Oreg.	Rotterdam, Neth.	Lumber, gen.	8,947
African Reefer [2]	5	5	Dan.	J. Lauritzen	Los Angeles, Cal.	Havre, France	Fresh fruit	1,600
La Union [2]	5	6	Pan.	A. A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	21
Sambu [2]	5	6	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	54
Frank [2]	5	...	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	37
Portland [2]	6	6	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	7,752
American	6	6	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	5,153
Jutland	6	6	Brit.	Seaboard Ship. Co.	Vancouver, B. C.	Liverpool, Eng.	(13)	8,710
Constance Chandler.	6	6	Amer.	Matson Nav. Co.	Los Angeles, Cal.	New Orleans, La.	Sugar, gen.	7,626
Salvador	6	...	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	(14)	862
Regulus [1] [2]	4	6	Swed.	Eurotank, Hamburg.	Los Angeles, Cal.	Tampico, Mexico.	Ballast	.....
Tilsington Court	6	6	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Portsmouth, Eng.	Ore, lumber.	8,984
Ludington [8]	5	7	Amer.	U. S. Army	Honolulu, T. H.	New York, N. Y.	Army stores.	2,084
Sea Horse [5]	6	...	Amer.	N. E. Parker	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Mataroa	7	8	Brit.	Shaw, Savill & Albion.	Auckland, N. Z.	London, England	Frozen, gen.	4,062
Pacific Pioneer [2]	6	7	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Manchester, Eng.	Fruit, gen.	9,166
Forbes Hauptman	6	7	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,337
Suecia [2]	7	7	Swed.	Johnson Line	Valparaiso, Chile.	Goth'burg, Swed.	General	5,648
Santore	7	7	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,500
Doctor Brinkley [6]	7	8	Amer.	Dr. J. R. Brinkley	Galapagos Is.	Palm Beach, Fla.	Ballast	.....
Geisha [2]	7	7	Nor.	Knut Knutsen, O.A.S.	Valparaiso, Chile.	Oslo, Norway	General	6,719
Paul Luckenbach	7	7	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	9,450
Clio [2]	7	9	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	229
Liberty Glo	7	8	Amer.	Amer.-For. S. S. Corp.	Olympia, Wash.	Bridgep't, Conn.	Lumber	7,000
Heffron	8	8	Amer.	Pac. Coast Dir. Line.	S. Francisco, Cal.	Norfolk, Va.	Lumber, gen.	10,032
Sessa	8	8	Dan.	West Coast Line	Valparaiso, Chile.	New York, N. Y.	General	2,845
Rotorua	7	8	Brit.	N. Z. Shipping Co.	Napier, N. Z.	London, England	Wool, gen.	4,846
Fella [2]	8	10	Ital.	Italian Line	Vancouver, B. C.	Trieste, Italy	General	6,380
Gregalia	8	9	Brit.	Donaldson Line	Vancouver, B. C.	Glasgow, Scotland	General	6,894
Firmore	9	9	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,850
Sildra [1] [2]	9	9	Nor.	Standard Oil of N. J.	Talara, Peru	Vallo, Norway	Crude oil	10,917
Temple Yard	9	9	Brit.	Seaboard Ship. Co.	Vancouver, B. C.	London, England	Grain, lum.	8,310
Skramstad [2]	8	9	Nor.	Fern Line	Manila, P. I.	New York, N. Y.	(15)	6,609
Edda	9	9	Ital.	Blue Star Line	Los Angeles, Cal.	Rotterdam, Neth.	(16)	3,379
Atenas	9	9	Amer.	United Fruit Co.	Pto. Arm'les, R. P.	Mobile, Ala.	Bananas	1,212
Nero [2]	9	10	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, hides.	540
Manizales	9	...	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	498
Steel Exporter	9	9	Amer.	Isthmian S. S. Lines.	Tacoma, Wash.	Baltimore, Md.	Lumber, gen.	7,677
Sona [2]	9	10	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Tuira [2]	9	10	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	45
Porto Bello [2]	9	...	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(17)	7
Villanger [2]	9	10	Nor.	Interocean S. S. Corp.	Pr. Rupert, B. C.	Rotterdam, Neth.	Lumber, gen.	7,500
Chilean Reefer [2]	10	10	Dan.	J. Lauritzen	Los Angeles, Cal.	Liverpool, Eng.	Fresh fruit	1,430
Mauna Kea	10	10	Amer.	Matson Nav. Co.	Los Angeles, Cal.	Baltimore, Md.	Sugar, pines.	7,760
Edgar F. Luckenbach.	10	10	Amer.	Luckenbach-Gulf Co.	Portland, Oreg.	Tampa, Fla.	General	7,423
Istmo	10	...	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	727

[1] Tanker. [2] Motor ship. [5] Launch. [6] Yacht. [8] Transport. [13] Barley, lumber, general. [14] Coffee, hides, bullion. [15] Cromite ore, general. [16] Citrus fruits, borax. [17] Plantains, lumber.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Comparison of Traffic at the Suez and Panama Canals for the First Eleven Months of the Fiscal Years 1937 and 1938

The following is a comparison of traffic at the Suez and Panama Canals for the first eleven months of the fiscal years 1937 and 1938:

Month	Suez Canal				Panama Canal			
	Number of transits		Percent		Number of transits		Percent	
	1936–37	1937–38	Increase	Decrease	1936–37	1937–38	Increase	Decrease
July	466	551	18.2	.....	456	457	0.2	.....
August	471	532	13.2	.....	473	505	6.8	.....
September	479	522	9.0	.....	466	444	.....	4.7
October	490	557	13.7	.....	482	461	.....	4.4
November	511	525	2.7	.....	368	435	11.8	.....
December	508	541	6.5	.....	341	439	28.7	.....
January	575	544	.....	5.4	399	444	11.3	.....
February	524	508	.....	3.1	377	436	15.6	.....
March	580	578	.....	0.4	536	506	.....	5.6
April	621	516	.....	16.9	473	487	3.0	.....
May	567	479	.....	15.5	544	465	.....	14.5
Total	5,792	5,853	1.1	.....	4,915	5,079	3.3	.....

Commercial Traffic Through the Panama Canal During Fiscal Year 1938

Segregation of the ocean-going traffic through the Canal during the fiscal year 1938, by nationality, is presented in the following table:

TRAFFIC THROUGH THE PANAMA CANAL DURING FISCAL YEAR 1938 BY NATIONALITY OF VESSELS

Nationality	No. of ships	Tonnage			Tolls	Tons of cargo
		[20] Panama Canal net	Registered gross	Registered net		
British	1,281	7,265,195	8,528,886	5,176,530	$6,095,622.89	6,417,016
Chilean	9	45,920	59,041	35,649	38,542.20	28,787
Chinese	2	7,893	10,025	6,270	7,851.25	13,113
Cuban	2	.....	.....	.....	1,200.00	.....
Danish	223	909,514	985,962	592,007	707,358.05	865,235
Estonian	2	4,674	6,396	3,946	4,131.39	4,695
Finnish	1	3,575	4,746	2,889	3,198.60	4,021
French	105	587,292	720,290	400,562	478,537.58	567,288
German	357	1,461,033	1,701,376	1,005,063	1,219,327.57	1,518,593
Greek	94	423,646	489,982	298,333	366,886.38	525,351
Honduran	22	37,384	58,475	34,176	33,432.02	8,478
Hungarian	5	19,929	20,460	12,878	15,938.22	24,411
Italian	52	357,925	434,293	257,021	275,883.26	153,417
Japanese	300	1,846,345	2,166,163	1,328,873	1,597,308.26	1,877,502
Latvian	3	8,310	9,612	5,625	6,356.70	4,900
Netherland	285	825,287	914,771	543,373	669,937.78	749,642
Norwegian	667	3,289,366	3,643,322	2,179,898	2,581,563.96	3,433,571
Panamanian	182	368,885	504,187	286,529	319,081.22	415,561
Peruvian	5	9,759	14,260	8,751	9,802.45	7,151
Philippine	3	18,565	21,463	13,240	13,929.30	8,441
Spanish	2	9,085	12,389	7,495	9,416.25	15,280
Swedish	119	579,572	926,474	467,988	446,034.54	763,049
Union of Soviet Socialist Republics	5	9,525	13,252	8,215	9,315.95	10,419
United States	1,780	9,905,991	11,591,450	6,897,586	8,204,528.23	9,892,619
Venezuelan	4	5,668	9,714	5,304	4,899.78	3,971
Yugo Slav	14	57,771	71,188	43,669	49,804.87	73,413
Total fiscal year 1938	5,524	28,058,109	32,918,177	19,621,870	23,169,888.70	27,385,924
Total fiscal year 1937	5,387	27,491,622	32,575,300	19,303,366	23,102,137.12	28,108,375
Total fiscal year 1936	5,382	28,024,417	33,130,259	19,643,946	23,479,114.21	26,505,943

[20] These figures indicate the Panama Canal net tonnage as determined under the measurement rules in effect prior to March 1, 1938.

NOTE.—The above statement includes only ocean-going commercial traffic of 300 net tons and over, Panama Canal measurement, and foreign naval vessels of 500 tons displacement and over.

Floating craft, other than merchant vessels, including foreign warships, pay tolls on displacement tonnage at 50 cents per displacement ton. Included in the preceding tabulation of transits and tolls but not of tonnages, are the following 11 foreign naval vessels of 500 tons displacement and over and 1 United States dredge which transited the Canal during the fiscal year 1938 and paid tolls on displacement:

Nationality	No. of transits	Displacement tonnage	Tolls
British	7	36,233	$18,116.50
Cuban	2	2,400	1,200.00
French	1	7,428	3,714.50
German	1	13,312	6,656.00
United States (dredge)	1	1,370	685.00
Total	12	60,744	30,372.00

Directory of The Panama Canal

Executive Department

Headquarters, Balboa Heights

Brig. Gen. C. S. Ridley, U. S. A., Governor.
L. A. Poltrino, Secretary.
E. A. Erbe, Administrative Assistant to the Governor.

C. A. McIlvaine, Executive Secretary.
C. M. Lupfer, Chief Clerk, Executive Office.
Guy Johannes, Chief, Police and Fire Division.
C. H. Calhoun, Chief, Division of Civil Affairs.
Ben M. Williams, Superintendent, Division of Schools.
Seymour Paul, Chief Personnel Officer, Division of Personnel Administration.
E. F. Attaway, General Secretary, Bureau of Clubs and Playgrounds, Balboa.
Alfred F. Morris, Chief, Real Estate Section, Ancon.
F. H. Wang, General Counsel, Panama Canal.
Robert W. Glaw, Paymaster.
Alfred H. Mohr, Collector.

Department of Operation and Maintenance

(Under immediate direction of the Governor as head of the department)

Headquarters, Balboa Heights

Col. G. E. Edgerton, U. S. A., Engineer of Maintenance.
J. G. Claybourn, Superintendent, Dredging Division, Gamboa.
Leonard Foote, Assistant Superintendent, Dredging Division, Gamboa.
E. S. Randolph, Designing Engineer, Special Engineering Section.
W. H. Dunlop, Chief of Plans Section.
Lt. Col. W. D. Styer, U. S. A., Assistant Engineer of Maintenance.
A. C. Garlington, Electrical Engineer, Electrical Division.
G. W. Green, Municipal Engineer, Division of Municipal Engineering.
L. B. Moore, Office Engineer.
E. D. Stillwell, Superintendent, Locks Division, Pedro Miguel.
R. Z. Kirkpatrick, Chief of Surveys, Section of Surveys.
J. F. Pate, Supervisor, Gatun Dam, Gatun.
Capt. Thos. A. Symington, U. S. N., Marine Superintendent, Marine Division.
Comdr. John G. Moyer, U. S. N., Captain of the Port, Cristobal.
Comdr. George T. Howard, U. S. N., Captain of the Port, Balboa.
Lt. Comdr. W. S. Bitler, U. S. N., Assistant to Marine Superintendent.
F. de V. Sill, Director of Admeasurement.
Board of Local Inspectors, Comdr. John G. Moyer, U. S. N., *Chairman*, Comdr. George T. Howard, U. S. N., and Lt. Comdr. W. S. Bitler, U. S. N., members.
Board of Admeasurement, Capt. Thos. A. Symington, U. S. N., *Chairman*, F. de V. Sill, F. E. Williams, Cristobal, E. Stetler, Balboa, members.
John J. Walker, Recorder for Board of Local Inspectors and Board of Admeasurement.
O. Maessen, Inspector of Hulls and Boilers.
G. W. Penseyres, Pilot in Charge, Lighthouse Subdivision, Gatun.
Capt. E. R. Norton, Construction Corps, U. S. N., Superintendent, Mechanical Division, Balboa.
H. H. Evans, Assistant Superintendent, Mechanical Division, Balboa.
Lt. Dale Quarton, U. S. N., Assistant to the Superintendent, Mechanical Division, Balboa.
W. H. Stone, Production Superintendent, Cristobal Shops, Cristobal.

Supply Department

Headquarters, Balboa Heights

Roy R. Watson, Chief Quartermaster.
J. H. K. Humphrey, 1st Asst. Chief Quartermaster.
L. W. Lewis, 2d Asst. Chief Quartermaster.
Samuel Grier, Superintendent, Animal and Motor Transportation Division, Ancon.
W. R. Lindsay, Acting Director, Canal Zone Experiment Gardens, Balboa Heights.
J. E. Higgins, Consultant, Canal Zone Experiment Gardens, Balboa Heights.
J. M. King, District Quartermaster, Ancon-Balboa, Balboa Heights.
C. Peters, District Quartermaster, Cristobal-Gatun, Cristobal.
B. T. Carr, District Quartermaster, Pedro Miguel–Gamboa, Pedro Miguel.
Jas. E. Lewis, Manager, Hotel Tivoli, Ancon.
D. J. Hendrick, Manager, Hotel Washington, Cristobal.
A. W. Goulet, General Manager, Commissary Division, Mt. Hope (P. R. R.).
Fay E. Powell, Constructing Quartermaster.
E. H. Parmelee, General Storekeeper, Balboa.
T. A. Aanstoos, Printer, Panama Canal Press, Mt. Hope.

Accounting Department

Headquarters, Balboa Heights

Wilson H. Kromer, Comptroller, The Panama Canal.
Arnold Bruckner, Assistant Comptroller on the Isthmus.
Carl F. Chase, Chief Accountant.
T. M. Drake, Chief Examiner.
H. H. Hudson, Claim Officer.
J. R. Bobbitt, Railroad Accountant.

Health Department

Headquarters, Balboa Heights

Col. H. C. Pillsbury, U. S. A., Chief Health Officer.
Dr. D. P. Curry, Assistant Chief Health Officer.
Dr. O. E. Denney, U. S. P. H. S., Chief Quarantine Officer.
Col. W. H. Richardson, U. S. A., Superintendent, Gorgas Hospital, Ancon.
Lt. Col. Frederick H. Petters, U. S. A., Superintendent, Colon Hospital, Cristobal.
Lt. Col. Cleve C. Odom, U. S. A., Superintendent, Corozal Hospital, Corozal.
Dr. J. C. Ellington, Health Officer of Panama City, Ancon.
Dr. J. L. Byrd, Health Officer of Cristobal-Colon, Cristobal.
Dr. Philip Horwitz, Quarantine Officer, Cristobal.
Dr. J. D. Odom, Quarantine Officer, Balboa.

Wage and Complaints Boards

Balboa Heights

Wage Board:
Lt. Col. W. D. Styer, representing The Panama Canal.
Charles F. Wahl, representing employees.

Complaints Board:
Lt. Col. W. D. Styer, and head of Department or Division interested, representing The Panama Canal.
Charles F. Wahl, representing employees.

The Panama Canal in the United States

New address, 1435 K Street N. W., Washington, D. C.

H. A. A. Smith, Chief of Office, and General Purchasing Officer.
F. B. Heimer, Assistant to the Chief of Office.
E. D. Anderson, Chief Clerk, Purchasing Department.
B. F. Burdick, Assistant Comptroller.
P. P. Greenwood, Inspecting Engineer, Washington, D. C.
W. J. Sheridan, Assistant Purchasing Agent, 24 State St., New York, N. Y.

Panama Railroad Company

Headquarters Balboa Heights

Brig. Gen. C. S. RIDLEY, U. S. A., President.
Col. G. E. EDGERTON, U. S. A., Second Vice President.
C. T. LINDSAY, General Manager.
E. D. MASON, Assistant to General Manager.
J. H. STILSON, JR., Commercial Agent.
P. L. MALONE, Master of Transportation.
E. N. STOKES, Roadmaster.
A. L. PRATHER, Receiving and Forwarding Agent, Cristobal.
W. H. KROMER, Comptroller.
R. W. GLAW, Paymaster.
A. H. MOHR, Collector.
R. R. WATSON, Chief Quartermaster.
J. H. K. HUMPHREY, Assistant Chief Quartermaster.
Capt. E. R. NORTON, U. S. N., Mechanical Superintendent.
Lt. Col. W. D. STYER, U. S. A., Assistant Engineer of Maintenance.
A. C. GARLINGTON, Electrical Engineer.
F. H. WANG, Special Counsel.
J. O. COLLINS, Counsel.

Office in the United States, 24 State Street, New York City

T. H. ROSSBOTTOM, Vice President.
W. R. PFIZER, Assistant to Vice President and Secretary.
V. M. NEWTON, Treasurer.
G. L. SELKIRK, Auditor.
W. K. B. POTTS, Superintendent.
E. HATTON, Assistant Superintendent.
WAYNE JOHNSON, General Counsel.
W. M. LLOYD, Freight Traffic Manager.
A. M. GIBSON, Passenger Agent.
W. J. SHERIDAN, Commissary Purchasing Agent.

Courts of Canal Zone

U. S. District Court:
BUNK GARDNER, District Judge, Ancon.
J. J. WALKER, Clerk of Court, Ancon.
C. T. MCCORMICK, JR., Deputy Clerk of Court, Cristobal.
J. J. MCGUIGAN, District Attorney, Ancon.
JOHN E. HUSHING, Marshal of the United States in and for the Canal Zone.
CHARLES PARKER, Deputy Marshal of the United States in and for the Canal Zone.
Magistrates Courts:
P. E. MURRAY, Magistrate, Balboa.
E. I. P. TATELMAN, Magistrate, Cristobal.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repairs of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as ice, meats (including native beef), fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices. A modern laundry service is also available. Orders may be placed in advance by radio for prompt delivery on arrival at either terminal, or for delivery at the other terminal after transiting the Canal.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large, covered piers for the storage of cargo. These are modern structures: fireproof, rat proof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation

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